

Chhattisgarh Public Service Commission**Notations :**

- Options shown in green color and with ✓ icon are correct.
- Options shown in red color and with ✗ icon are incorrect.

Question Paper Name: COMPUTER APPLICATION 20TH MAY ACTUAL
Subject Name: COMPUTER APPLICATION
Duration: 180

General Knowledge

Group Maximum Duration : 60
Group Minimum Duration : 60
Revisit allowed for view? : No
Revisit allowed for edit? : No

GK of Chhattisgarh

Mandatory or Optional: Mandatory
Display Number Panel: Yes
Group All Questions: No

Question Number : 1 Question Id : 347535301 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Who was the first group leader of Rudri Nawagaon movement of 1930?

Options :

- ✗ Pt Sundarlal Sharma
- ✗ Narayan Rao Meghawale
- ✗ Shyamlal Som
- ✓ Babu Chhotelal Shrivastava
- ✗ None of the other options

Question Number : 1 Question Id : 347535301 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

1930 के रुद्रीनवागांव आंदोलन के प्रथम टोली के नेता कौन थे?

Options :

- ✗ पं. सुन्दरलाल शर्मा

2. ✖ नारायणराव मेघावाले
3. ✖ श्यामलाल सोम
4. ✔ बाबू छोटेलाल श्रीवास्तव
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 2 Question Id : 347535302 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In 1933, Gandhi ji started second journey of Chhattisgarh in which month?

Options :

1. ✖ January
2. ✖ December
3. ✔ November
4. ✖ August
5. ✖ September

Question Number : 2 Question Id : 347535302 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

गांधी जी ने 1933 में छत्तीसगढ़ की द्वितीय यात्रा किस माह में प्रारम्भ की थी?

Options :

1. ✖ जनवरी
2. ✖ दिसम्बर
3. ✔ नवम्बर
4. ✖ अगस्त
5. ✖ सितम्बर

Question Number : 3 Question Id : 347535303 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which party was established in Khairagarh in 1938?

Options :

1. ✖ Prakhar Prahari
2. ✖ Chani mouni party
3. ✖ Jagrit party
4. ✔ Seva Dal
5. ✖ None of the other options

Correct : 2 Wrong : 1

1938 में खेरागढ़ में कौन से दल का गठन हुआ था?

Options :

1. ✖ प्रखर प्रहरी
2. ✖ चैनी-मौनी दल
3. ✖ जागृत दल
4. ✔ सेवा दल
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 4 Question Id : 347535304 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who was the founder of Vanar sena in Bilaspur?

Options :

1. ✖ Diwakar karlikar
2. ✔ Vasudev Devras
3. ✖ Krantikumar Bhartiya
4. ✖ Gajadhar Sao
5. ✖ None of the other options

Question Number : 4 Question Id : 347535304 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

बिलासपुर में वानर सेना के निर्माता कौन थे?

Options :

1. ✖ दिवाकर कार्लिकर
2. ✔ वासुदेव देवरस
3. ✖ क्रांतिकुमार भारतीय
4. ✖ गजाधर साव
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 5 Question Id : 347535305 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In July 1946, the following leaders from Chhattisgarh (khalsa) were elected for Constituent Assembly of India:

1. Pt Ravishankar Shukla
2. Ghansyam Sing Gupta
3. Pt Kishori Mohan Tripathi
4. Thakur Chhedilal

Options :

1. ✗ 1, 2, 3
2. ✗ 2, 3, 4
3. ✓ 1, 2, 4
4. ✗ 1, 3, 4
5. ✗ 1, 2, 3, 4

Question Number : 5 Question Id : 347535305 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

भारत की संविधान सभा के लिये जुलाई 1946 में छत्तीसगढ़ (खालसा) से निम्नलिखित नेता चुने गये:

1. पं. रविशंकर शुक्ल
2. घनश्याम सिंह गुप्त
3. पं. किशोरी मोहन त्रिपाठी
4. ठाकुर छेदीलाल

Options :

1. ✗ 1, 2, 3
2. ✗ 2, 3, 4
3. ✓ 1, 2, 4
4. ✗ 1, 3, 4
5. ✗ 1, 2, 3, 4

Question Number : 6 Question Id : 347535306 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who of the following was the only representative of Chhattisgarh in the Bombay session of Indian National Congress in 1889?

Options :

1. ✗ Madhav Rao Sapre
2. ✓ Waman Rao Lakhe
3. ✗ Narayan Rao Meghawale
4. ✗ Yadav Rao Tamaskar
5. ✗ None of the other options

Question Number : 6 Question Id : 347535306 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

भारतीय राष्ट्रीय कांग्रेस के 1889 में हुये बाम्बे अधिवेशन में छत्तीसगढ़ के एक मात्र प्रतिनिधि निम्नलिखित में से कौन थे?

Options :

1. ✖ माधवराव सप्रे
2. ✔ वामनराव लाखे
3. ✖ नारायण राव मेघावाले
4. ✖ यादवराव तामस्कर
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 7 Question Id : 347535307 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who among the following was the first superintendent appointed in Chhattisgarh under the British protection over the Bhonsle Kingdom of Nagpur?

Options :

1. ✔ Captain Edmund
2. ✖ Major P. Vans Agnew
3. ✖ Captain Hunter
4. ✖ Major Sandis
5. ✖ None of the other options

Question Number : 7 Question Id : 347535307 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

नागपुर के भोंसला राज्य पर ब्रिटिश संरक्षण के अन्तर्गत छत्तीसगढ़ में नियुक्त प्रथम सुपरिटेण्डेंट निम्नलिखित में से कौन था?

Options :

1. ✔ कैप्टन एडमंड
2. ✖ मेजर पी. वान्स एग्न्यू
3. ✖ कैप्टन हंटर
4. ✖ मेजर सैंडिस
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 8 Question Id : 347535308 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which district does the Surahi river flow?

Options :

1. ✖ Kawardha
2. ✔ Rajnandgaon
3. ✖ Mahasamund
4. ✖ Kanker
5. ✖ None of the other options

Question Number : 8 Question Id : 347535308 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

सुरही नदी किस जिले में बहती है?

Options :

1. ✖ कवर्धा
2. ✔ राजनांदगांव
3. ✖ महासमुंद
4. ✖ कांकेर
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 9 Question Id : 347535309 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

According to the census of 2011, what is the population density of the Chhattisgarh state?

Options :

1. ✖ 198
2. ✔ 189
3. ✖ 298
4. ✖ 179
5. ✖ None of the other options

Question Number : 9 Question Id : 347535309 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

वर्ष 2011 की जनगणना के अनुसार छत्तीसगढ़ राज्य में जनसंख्या का घनत्व क्या है?

Options :

1. ✖ 198
2. ✔ 189
3. ✖ 298
4. ✖ 179

5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 10 Question Id : 347535310 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The highest waterfall of Chhattisgarh is situated in:

Options :

1. ✖ Sukma
2. ✔ Jagdalpur
3. ✖ Bastar
4. ✖ Koriya
5. ✖ None of the other options

Question Number : 10 Question Id : 347535310 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ का सबसे उंचा जलप्रपात _____ में स्थित है।

Options :

1. ✖ सुकमा
2. ✔ जगदलपुर
3. ✖ बस्तर
4. ✖ कोरिया
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 11 Question Id : 347535311 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In Chhattisgarh, which district has smallest number of development blocks?

Options :

1. ✖ Dhamtari
2. ✔ Narayanpur
3. ✖ Durg
4. ✖ Mungeli
5. ✖ None of the other options

Question Number : 11 Question Id : 347535311 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ में सबसे कम विकास-खंड किस जिले में है?

Options :

1. ✖ धमतरी
2. ✔ नारायणपुर
3. ✖ दुर्ग
4. ✖ मुंगेली
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 12 Question Id : 347535312 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is known as mini Tibet?

Options :

1. ✖ Samaripat
2. ✔ Mainpat
3. ✖ Jashpurpat
4. ✖ Jarangpat
5. ✖ None of the other options

Question Number : 12 Question Id : 347535312 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से कौन छोटा तिब्बत कहलाता है?

Options :

1. ✖ सामरीपाट
2. ✔ मैनपाट
3. ✖ जशपुरपाट
4. ✖ जारंगपाट
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 13 Question Id : 347535313 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

At which of the following place Mama-Bhanja temple is situated?

Options :

1. ✖ Ratanpur
2. ✖ Sirpur
3. ✔ Barsoor
4. ✖ Shiwarinarayan

5. ✖ None of the other options

Question Number : 13 Question Id : 347535313 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

मामा-भांजा मंदिर निम्नलिखित में से किस स्थान पर स्थित है?

Options :

1. ✖ रतनपुर
2. ✖ सिरपुर
3. ✔ बारसूर
4. ✖ शिवरीनारायण
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 14 Question Id : 347535314 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Out of the following, which type of climate Chhattisgarh has?

Options :

1. ✖ Hot
2. ✖ Moist
3. ✔ Hot and moist
4. ✖ Very dry
5. ✖ None of the other options

Question Number : 14 Question Id : 347535314 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से छत्तीसगढ़ की जलवायु किस प्रकार की है?

Options :

1. ✖ उष्ण
2. ✖ आर्द्र
3. ✔ उष्ण और आर्द्र
4. ✖ अत्यधिक शुष्क
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 15 Question Id : 347535315 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who is the writer of the Chhattisgarhi novel "Diyana Ke Anjor"?

Options :

1. ✓ Shiv Shankar Shukla
2. ✗ Pardeshi Ram Verma
3. ✗ J. R. Soni
4. ✗ Narayan Lal Parmar
5. ✗ None of the other options

Question Number : 15 Question Id : 347535315 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ी उपन्यास "दियना के अंजोर" के लेखक कौन है?

Options :

1. ✓ शिव शंकर शुक्ल
2. ✗ परदेशीराम वर्मा
3. ✗ जे. आर. सोनी
4. ✗ नारायण लाल परमार
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 16 Question Id : 347535316 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

When does the "Sua Dance" perform?

Options :

1. ✗ Holi
2. ✗ Pola
3. ✗ Dashahara
4. ✓ Dipawali
5. ✗ None of the other options

Question Number : 16 Question Id : 347535316 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

"सुआ नृत्य" कब करते हैं?

Options :

1. ✗ होली
2. ✗ पोला
3. ✗ दशहरा
4. ✓ दीपावली

5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 17 Question Id : 347535317 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is "Birya Dhol" (Mandar) of Bastar?

Options :

1. ✖ Ghan vadya (Idiophonic instrument)
2. ✖ Sushir vadya (Wind instrument)
3. ✔ Avanaddha vadya (Instrument covered with membrane)
4. ✖ Tat vadya (String instrument)
5. ✖ None of the other options

Question Number : 17 Question Id : 347535317 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

बस्तर का "बिरिया डोल" (मांदर) क्या है?

Options :

1. ✖ घनवाद्य
2. ✖ सुशिर वाद्य
3. ✔ अवनद्ध वाद्य
4. ✖ तत वाद्य
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 18 Question Id : 347535318 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who is "Gadhawa" shilpkar (Bell metal artist)?

Options :

1. ✔ Jaidev Baghel
2. ✖ Govind Ram Nirmalkar
3. ✖ Jhadoo Ram Dewangan
4. ✖ Shrinivas Vishwakarama
5. ✖ None of the other options

Question Number : 18 Question Id : 347535318 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

"गढ़वा" शिल्पकार कौन है?

Options :

1. ✓ जयदेव बघेल
2. ✗ गोविन्दराम निर्मलकर
3. ✗ झाड़ूराम देवांगन
4. ✗ श्रीनिवास विश्वकर्मा
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 19 Question Id : 347535319 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Where is the "Chandradityeshwar" temple located?

Options :

1. ✗ Ratanpur
2. ✗ Sirpur
3. ✓ Barsoor
4. ✗ Tala
5. ✗ None of the other options

Question Number : 19 Question Id : 347535319 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

"चन्द्रादित्येश्वर" मंदिर कहाँ स्थित है?

Options :

1. ✗ रतनपुर
2. ✗ सिरापुर
3. ✓ बारसूर
4. ✗ ताला
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 20 Question Id : 347535320 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Out of the following, which is not a scheduled tribe?

Options :

1. ✗ Muria
2. ✗ Oraon
3. ✗ Majhwar
4. ✓ Mallah

5. ✖ None of the other options

Question Number : 20 Question Id : 347535320 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से कौन अनुसूचित जनजाति नहीं है?

Options :

1. ✖ मुरिया
2. ✖ उरांव
3. ✖ मझवार
4. ✔ मल्लाह
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 21 Question Id : 347535321 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who speaks "Kui Dialect"?

Options :

1. ✔ Kondh
2. ✖ Kamar
3. ✖ Korwa
4. ✖ Kanwar
5. ✖ None of the other options

Question Number : 21 Question Id : 347535321 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

"कुई बोली" कौन बोलते हैं?

Options :

1. ✔ कोंध
2. ✖ कमार
3. ✖ कोरवा
4. ✖ कंवर
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 22 Question Id : 347535322 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who make "Basketry" among the following scheduled tribe?

Options :

1. ✖ Oraon
2. ✖ Nagesia
3. ✔ Kandra
4. ✖ Kanwar
5. ✖ None of the other options

Question Number : 22 Question Id : 347535322 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से बांस बर्तन बनाने वाली अनुसूचित जनजाति कौन है?

Options :

1. ✖ उरांव
2. ✖ नगेसिया
3. ✔ कंडरा
4. ✖ कंवर
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 23 Question Id : 347535323 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What stand for "Parad" of scheduled tribes of Bastar?

Options :

1. ✖ Hill
2. ✖ Marriage
3. ✔ Hunting
4. ✖ Festival
5. ✖ None of the other options

Question Number : 23 Question Id : 347535323 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

बस्तर के अनुसूचित जनजातियों का "पारद" क्या है?

Options :

1. ✖ पहाड़
2. ✖ विवाह
3. ✔ शिकार
4. ✖ त्यौहार
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 24 Question Id : 347535324 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

When is "Mati Tihar" (Earth Festival) celebrated at Bastar?

Options :

1. ✓ Chaitra
2. ✗ Ashadh
3. ✗ Bhado
4. ✗ Kartik
5. ✗ None of the other options

Question Number : 24 Question Id : 347535324 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

बस्तर में "माटी तिहार" कब मनाते हैं?

Options :

1. ✓ चैत्र
2. ✗ आषाढ़
3. ✗ भादो
4. ✗ कार्तिक
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 25 Question Id : 347535325 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Out of the following scheduled tribe, who make "Hanal gatta" (Memorial Pillar)?

Options :

1. ✗ Kamar
2. ✗ Binjhar
3. ✗ Maina
4. ✓ Madia
5. ✗ None of the other options

Question Number : 25 Question Id : 347535325 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से "हनालगट्टा" (स्मृति स्तंभ) कौन अनुसूचित जनजाति बनाते हैं?

Options :

1. ✗ कमार
2. ✗ बिंझवार

3. ✖ मैना
4. ✔ माड़िया
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 26 Question Id : 347535326 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Out of the following scheduled tribes, who celebrate "Karma" festival?

Options :

1. ✖ Muria
2. ✖ Gadaba
3. ✔ Oraon
4. ✖ Bhatara
5. ✖ None of the other options

Question Number : 26 Question Id : 347535326 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

निम्नलिखित में से कौन अनुसूचित जनजाति "करमा त्यौहार" मनाते है?

Options :

1. ✖ मुरिया
2. ✖ गदबा
3. ✔ उरांव
4. ✖ भतरा
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 27 Question Id : 347535327 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What was the state gross domestic product of Chhattisgarh state for year 2013-14 at current prices?

Options :

1. ✖ Rs 221756.85 crore
2. ✖ Rs 221776.35 crore
3. ✔ Rs 185682.48 crore
4. ✖ Rs 185987.39 crore
5. ✖ None of the other options

Question Number : 27 Question Id : 347535327 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ राज्य में वर्ष 2013-14 में प्रचलित मुल्यों पर सकल घरेलू उत्पाद क्या था?

Options :

1. ✗ रु 221756.85 करोड़
2. ✗ रु 221776.35 करोड़
3. ✓ रु 185682.48 करोड़
4. ✗ रु 185987.39 करोड़
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 28 Question Id : 347535328 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

On which river Saradih barrage is constructed?

Options :

1. ✗ Shivnath
2. ✗ Jonk
3. ✓ Mahanadi
4. ✗ Kelo
5. ✗ None of the other options

Question Number : 28 Question Id : 347535328 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

साराडीह बैराज किस नदी पर बनाया गया है?

Options :

1. ✗ शिवनाथ
2. ✗ जोंक
3. ✓ महानदी
4. ✗ केलो
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 29 Question Id : 347535329 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Suraj Dhara Scheme is related to which of the following in Chhattisgarh state?

Options :

1. ✗ Production of Sunflower
2. ✓ Exchange of seeds scheme
3. ✗ Bio-gas plant

- 4. ✖ Production of mustard
- 5. ✖ None of the other options

Question Number : 29 Question Id : 347535329 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ राज्य में 'सुरजधारा योजना' का सम्बन्ध किससे है?

Options :

- 1. ✖ सुर्यमुखी फूल के उत्पादन से
- 2. ✔ बीजों की अदला बदली योजना से
- 3. ✖ जैविक गैस यंत्र से
- 4. ✖ सरसों के उत्पाद से
- 5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 30 Question Id : 347535330 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

How many forest project divisions are constituted in Chhattisgarh state?

Options :

- 1. ✖ 09
- 2. ✖ 34
- 3. ✖ 24
- 4. ✔ 07
- 5. ✖ None of the other options

Question Number : 30 Question Id : 347535330 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ राज्य में कितने वन परियोजना डिवीजन निर्मित किए गये हैं?

Options :

- 1. ✖ 09
- 2. ✖ 34
- 3. ✖ 24
- 4. ✔ 07
- 5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 31 Question Id : 347535331 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Soyabean crop, which is produced in Chhattisgarh state, is basically crop of which country?

Options :

1. ✖ Japan
2. ✖ Pakistan
3. ✖ Nepal
4. ✔ China
5. ✖ None of the other options

Question Number : 31 Question Id : 347535331 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ राज्य में उत्पादित सोयाबीन फसल मुख्यतया किस देश की फसल है?

Options :

1. ✖ जापान
2. ✖ पाकिस्तान
3. ✖ नेपाल
4. ✔ चीन
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 32 Question Id : 347535332 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which sector has estimated highest growth rate in Chhattisgarh for the year 2014-15 at constant prices?

Options :

1. ✖ Forestry
2. ✔ Storage
3. ✖ Community & Personnel services
4. ✖ Banking
5. ✖ None of the other options

Question Number : 32 Question Id : 347535332 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ राज्य के किस क्षेत्र में आर्थिक वृद्धि दर स्थिर कीमतों पर वर्ष 2014-15 में सबसे अधिक अनुमानित की गयी है?

Options :

1. ✖ वानिकी
2. ✔ भंडारण
3. ✖ सामुदायिक एवं वैयक्तिक सेवाएं

4. ✖ बैकिंग

5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 33 Question Id : 347535333 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who become the chairman of General Administration Committee of Janpad Panchayat?

Options :

1. ✔ President of Janpad Panchayat
2. ✖ Vice President of Janpad Panchayat
3. ✖ Member elected by Janpad Panchayat
4. ✖ Member nominated by President of Janpad Panchayat
5. ✖ None of the other options

Question Number : 33 Question Id : 347535333 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

जनपद पंचायत की सामान्य प्रशासन समिति का सभापति कौन होता है?

Options :

1. ✔ जनपद पंचायत का अध्यक्ष
2. ✖ जनपद पंचायत का उपाध्यक्ष
3. ✖ जनपद पंचायत द्वारा निर्वाचित सदस्य
4. ✖ जनपद पंचायत अध्यक्ष द्वारा मनोनीत सदस्य
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 34 Question Id : 347535334 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Match the address of resignation:

- | | |
|----------------------------------|--|
| I. Panch | A. Deputy Director (Panchayat) |
| II. Member Janpad/Zila Panchayat | B. Collector/Addl. Collector |
| III. Sarpanch | C. President |
| IV. President Zila panchayat | D. Sarpanch |
| V. President Janpad Panchayat | E. Divisional Commissioner/Additional Commissioner |

Options :

1. ✖ I – A, IV – B, III – C, II – D, V – E
2. ✖ II – A, III – B, V – C, I – D, IV – E
3. ✖ V – A, II – B, I – C, IV – D, III – E

4. ✓ III - A, V - B, II - C, I - D, IV - E

5. ✗ II - A, I - B, V - C, IV - D, III - E

Question Number : 34 Question Id : 347535334 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

त्यागपत्र में सम्बोधन को सुमेलित कीजिए:

- | | |
|---------------------------|-----------------------------------|
| I. पंच | A. उप संचालक (पंचायत) |
| II. जनपद/जिलापंचायत सदस्य | B. कलेक्टर/अतिरिक्त कलेक्टर |
| III. सरपंच | C. अध्यक्ष |
| IV. अध्यक्ष जिला पंचायत | D. सरपंच |
| V. अध्यक्ष जनपद पंचायत | E. संभागीय आयुक्त/अतिरिक्त आयुक्त |

Options :

1. ✗ I - A, IV - B, III - C, II - D, V - E

2. ✗ II - A, III - B, V - C, I - D, IV - E

3. ✗ V - A, II - B, I - C, IV - D, III - E

4. ✓ III - A, V - B, II - C, I - D, IV - E

5. ✗ II - A, I - B, V - C, IV - D, III - E

Question Number : 35 Question Id : 347535335 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is correct about the security deposit for candidates contesting Panchayat election?

- I. Rs 40/- for Panch candidate
- II. Rs 25/- for Panch women candidate
- III. Rs 400/- for Sarpanch candidate
- IV. Rs 100/- for Sarpanch schedule tribe candidate
- V. Rs 500/- for member Janpad Panchayat candidate
- VI. Rs 200/- for member Janpad Panchayat schedule caste candidate
- VII. Rs 1500/- for member Zila Panchayat
- VIII. Rs 500/- for member Zila Panchayat OBC candidate

Options :

1. ✗ I, III, V, VII

2. ✗ II, IV, VI, VIII

3. ✗ I, III, VI, VII

4. ✓ I, IV, V, VIII

5. ✗ None of the other options

Question Number : 35 Question Id : 347535335 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

पंचायत चुनाव लड़ने के लिए उम्मीदवारों की जमानत राशि के विषय में सही क्या है?

- I. पंच उम्मीदवार के लिए ₹ 40/-
- II. पंच महिला उम्मीदवार के लिए ₹ 25/-
- III. सरपंच उम्मीदवार के लिए ₹ 400/-
- IV. सरपंच अनुसूचित जनजाति उम्मीदवार के लिए ₹ 100/-
- V. जनपद पंचायत सदस्य उम्मीदवार के लिए ₹ 500/-
- VI. जनपद पंचायत सदस्य अनुसूचित जनजाति उम्मीदवार के लिए ₹ 200/-
- VII. जिला पंचायत सदस्य उम्मीदवार के लिए ₹ 1500/-
- VIII. जिला पंचायत सदस्य अतिव उम्मीदवार के लिए ₹ 500/-

Options :

1. ✗ I, III, V, VII
2. ✗ II, IV, VI, VIII
3. ✗ I, III, VI, VII
4. ✓ I, IV, V, VIII
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 36 Question Id : 347535336 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is incorrect in the context of functions of Janpad Panchayat?

Options :

1. ✗ Integrated Rural Development
2. ✗ To manage Public markets & public melas
3. ✓ Prepare annual plans for economic development and social justice
4. ✗ To provide emergency relief from natural disaster
5. ✗ None of the other options

Question Number : 36 Question Id : 347535336 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

जनपद पंचायत के कार्यों के संदर्भ में निम्नांकित में से कौन सा सही नहीं है?

Options :

1. ✗ एकीकृत ग्रामीण विकास
2. ✗ सार्वजनिक बाजारों और सार्वजनिक मेलों का प्रबंध
3. ✓ आर्थिक विकास और सामाजिक न्याय के लिए वार्षिक योजना तैयार करना

4. ✖ प्राकृतिक आपदाओं से आपातिक सहायता की व्यवस्था

5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 37 Question Id : 347535337 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The salary and allowances to the members of Council of Ministers of the state is being given by:

Options :

1. ✖ Reserve Bank of India

2. ✔ State Treasury

3. ✖ Contingency fund of the state

4. ✖ Consolidated fund of the state

5. ✖ None of the other options

Question Number : 37 Question Id : 347535337 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

राज्य मन्त्रिपरिषद् के सदस्यों का वेतन तथा भत्ते निम्न में से किससे दिए जाते हैं?

Options :

1. ✖ भारतीय रिज़र्व बैंक

2. ✔ राज्य कोषालय

3. ✖ राज्य आकस्मिकता निधि

4. ✖ राज्य की संचित निधि

5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 38 Question Id : 347535338 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Who is the administrative head of Chhattisgarh Rural Development Department?

Options :

1. ✔ Vikas Ayukta

2. ✖ Chief Executive Officer

3. ✖ Dy. Ayukta Vikas

4. ✖ Chief Secretary

5. ✖ None of the other options

Question Number : 38 Question Id : 347535338 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ ग्रामीण विकास विभाग का प्रशासनिक प्रमुख कौन है?

Options :

1. ☒ विकास आयुक्त
2. ☐ मुख्य कार्यपालन अधिकारी
3. ☐ उप आयुक्त विकास
4. ☐ मुख्य सचिव
5. ☐ अन्य विकल्पों में से कोई नहीं

Question Number : 39 Question Id : 347535339 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

When was BALCO established?

Options :

1. ☒ 24 Nov, 1965
2. ☐ 24 Nov, 1966
3. ☐ 24 Nov, 1967
4. ☐ 24 Nov, 1968
5. ☐ None of the other options

Question Number : 39 Question Id : 347535339 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

BALCO की स्थापना कब की गयी?

Options :

1. ☒ 24 नवम्बर 1965
2. ☐ 24 नवम्बर 1966
3. ☐ 24 नवम्बर 1967
4. ☐ 24 नवम्बर 1968
5. ☐ अन्य विकल्पों में से कोई नहीं

Question Number : 40 Question Id : 347535340 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Where marble is found in Chhattisgarh?

Options :

1. ☒ Bastar
2. ☐ Sarguja
3. ☐ Raipur

4. ✖ Durg
5. ✖ None of the other options

Question Number : 40 Question Id : 347535340 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ में संगमरमर कहाँ पाया जाता है?

Options :

1. ✔ बस्तर
2. ✖ सरगुजा
3. ✖ रायपुर
4. ✖ दुर्ग
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 41 Question Id : 347535341 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Where the first sugarcane industry in Chhattisgarh was established?

Options :

1. ✔ Kawardha
2. ✖ Koriya
3. ✖ Raipur
4. ✖ Durg
5. ✖ None of the other options

Question Number : 41 Question Id : 347535341 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ में स्थापित प्रथम शक्कर का कारखाना कहाँ स्थित है?

Options :

1. ✔ कवर्धा
2. ✖ कोरिया
3. ✖ रायपुर
4. ✖ दुर्ग
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 42 Question Id : 347535342 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which of the following places in Chhattisgarh, hydro-power project does not exist?

Options :

1. ✓ Dudhawa
2. ✗ Hasdev-Bango
3. ✗ Gangrel
4. ✗ Pairi Sikasar
5. ✗ None of the other options

Question Number : 42 Question Id : 347535342 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ में निम्नलिखित में से किस स्थान पर जलविद्युत परियोजना नहीं है?

Options :

1. ✓ दुधावा
2. ✗ हसदेव बांगो
3. ✗ गंगरेल
4. ✗ पैरी सिकासार
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 43 Question Id : 347535343 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Asia's biggest Tamarind market is at:

Options :

1. ✗ Kanker
2. ✗ Konta
3. ✗ Sukma
4. ✓ Jagdalpur
5. ✗ None of the other options

Question Number : 43 Question Id : 347535343 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

एशिया की सबसे बड़ी इमली मण्डी कहाँ है?

Options :

1. ✗ कांकेर
2. ✗ कौंटा
3. ✗ सुकमा

4. ✓ जगदलपुर

5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 44 Question Id : 347535344 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In which district of Chhattisgarh, the Dagori Industrial Center is situated?

Options :

1. ✗ Raigarh

2. ✗ Mahasmund

3. ✓ Bilaspur

4. ✗ Bastar

5. ✗ None of the other options

Question Number : 44 Question Id : 347535344 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ के किस जिले में दगोरी औद्योगिक केन्द्र स्थित है?

Options :

1. ✗ रायगढ़

2. ✗ महासमुंद

3. ✓ बिलासपुर

4. ✗ बस्तर

5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 45 Question Id : 347535345 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which is the computer based teaching scheme for schools?

Options :

1. ✓ I.C.T.

2. ✗ C.S.T.

3. ✗ S.C.C.

4. ✗ C.T.P.

5. ✗ None of the other options

Question Number : 45 Question Id : 347535345 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

विद्यालयों के लिए कम्प्यूटर आधारित शिक्षण योजना कौन सी है? <https://universitypaper.in>

Options :

1. ✓ आई. सी. टी
2. ✗ सी. एस. टी
3. ✗ एस. सी. सी
4. ✗ सी. टी. पी
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 46 Question Id : 347535346 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is provided free of cost under 'Saraswati' scheme?

Options :

1. ✗ Books
2. ✗ Uniform
3. ✓ Bicycle
4. ✗ Insurance
5. ✗ None of the other options

Question Number : 46 Question Id : 347535346 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

'सरस्वती' योजना में निम्न में से क्या निःशुल्क प्रदान किया जाता है?

Options :

1. ✗ पुस्तकें
2. ✗ गणवेश
3. ✓ सायकिल
4. ✗ बीमा
5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 47 Question Id : 347535347 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the duration of Grant Programme of European commission for support to school education in the state?

Options :

1. ✗ 2007 – 2016
2. ✗ 2008 – 2016
3. ✗ 2009 – 2016
4. ✗ 2010 – 2016

5. ✓ None of the other options

Question Number : 47 Question Id : 347535347 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

राज्य में स्कुली शिक्षा में समर्थन हेतु युरोपीय कमीशन के अनुदान कार्यक्रम की अवधि निम्न में से क्या है?

Options :

1. ✗ 2007 - 2016

2. ✗ 2008 - 2016

3. ✗ 2009 - 2016

4. ✗ 2010 - 2016

5. ✓ अन्य विकल्पों में से कोई नहीं

Question Number : 48 Question Id : 347535348 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Padmashree awardee artist Mamta Chandrakar works in which institution?

Options :

1. ✓ All India Radio

2. ✗ Doordarshan

3. ✗ College

4. ✗ Culture dept.

5. ✗ None of the other options

Question Number : 48 Question Id : 347535348 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

पद्मश्री पुरस्कृत कलाकार ममता चन्द्राकर किस संस्थान में कार्यरत हैं?

Options :

1. ✓ आकाशवाणी

2. ✗ दूरदर्शन

3. ✗ महाविद्यालय

4. ✗ संस्कृति विभाग

5. ✗ अन्य विकल्पों में से कोई नहीं

Question Number : 49 Question Id : 347535349 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

From which district the Rurban mission was started in Chhattisgarh?

Options :

1. ✖ Raipur
2. ✔ Rajnandgaon
3. ✖ Bilaspur
4. ✖ Kabirdham
5. ✖ None of the other options

Question Number : 49 Question Id : 347535349 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ में रूरन मिशन का आरंभ किस जिले से हुआ?

Options :

1. ✖ रायपुर
2. ✔ राजनांदगांव
3. ✖ बिलासपुर
4. ✖ कबीरधाम
5. ✖ अन्य विकल्पों में से कोई नहीं

Question Number : 50 Question Id : 347535350 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

When the eye donation fortnight organised every year in the Chhattisgarh?

Options :

1. ✔ 25 August to 8 September
2. ✖ 1 May to 15 May
3. ✖ 15 June to 30 June
4. ✖ 25 October to 8 November
5. ✖ None of the other options

Question Number : 50 Question Id : 347535350 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

छत्तीसगढ़ राज्य में नेत्रदान पखवाड़ा प्रतिवर्ष कब आयोजित होता है?

Options :

1. ✔ 25 अगस्त से 8 सितम्बर
2. ✖ 1 मई से 15 मई
3. ✖ 15 जून से 30 जून
4. ✖ 25 अक्टूबर से 8 नवम्बर

5. ✖ अन्य विकल्पों में से कोई नहीं

Elective Subject

Group Maximum Duration :	120
Group Minimum Duration :	120
Revisit allowed for view? :	No
Revisit allowed for edit? :	No

Computer Application

Mandatory or Optional:	Mandatory
Display Number Panel:	Yes
Group All Questions:	No

Question Number : 51 Question Id : 347535351 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A class that allows only one object of it to be created, is called:

Options :

1. ✖ Virtual class
2. ✖ Abstract class
3. ✔ Singleton class
4. ✖ Friend class
5. ✖ Absolute Class

Question Number : 51 Question Id : 347535351 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A class that allows only one object of it to be created, is called:

Options :

1. ✖ Virtual class
2. ✖ Abstract class
3. ✔ Singleton class
4. ✖ Friend class
5. ✖ Absolute Class

Question Number : 52 Question Id : 347535352 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a type of constructor?

Options :

1. ✗ Copy constructor
2. ✓ Friend constructor
3. ✗ Default constructor
4. ✗ Parameterized constructor
5. ✗ Paste constructor

Question Number : 52 Question Id : 347535352 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a type of constructor?

Options :

1. ✗ Copy constructor
2. ✓ Friend constructor
3. ✗ Default constructor
4. ✗ Parameterized constructor
5. ✗ Paste constructor

Question Number : 53 Question Id : 347535353 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the correct statement.

Options :

1. ✗ Base class pointer cannot point to derived class.
2. ✓ Derived class pointer cannot point to base class.
3. ✗ Pointer to derived class cannot be created.
4. ✗ Pointer to base class cannot be created.
5. ✗ Pointer to base class can be created.

Question Number : 53 Question Id : 347535353 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the correct statement.

Options :

1. ✗ Base class pointer cannot point to derived class.
2. ✓ Derived class pointer cannot point to base class.
3. ✗ Pointer to derived class cannot be created.
4. ✗ Pointer to base class cannot be created.
5. ✗ Pointer to base class can be created.

Question Number : 54 Question Id : 347535354 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the function which is not the member of class.

Options :

1. ✖ Static function
2. ✔ Friend function
3. ✖ Const function
4. ✖ Virtual function
5. ✖ Dynamic function

Question Number : 54 Question Id : 347535354 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the function which is not the member of class.

Options :

1. ✖ Static function
2. ✔ Friend function
3. ✖ Const function
4. ✖ Virtual function
5. ✖ Dynamic function

Question Number : 55 Question Id : 347535355 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following concepts determines method to invoke at runtime?

Options :

1. ✖ Data hiding
2. ✖ Dynamic Typing
3. ✔ Dynamic binding
4. ✖ Dynamic loading
5. ✖ Data encrypting

Question Number : 55 Question Id : 347535355 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following concepts determines method to invoke at runtime?

Options :

1. ✖ Data hiding
2. ✖ Dynamic Typing
3. ✔ Dynamic binding
4. ✖ Dynamic loading

5. ✖ Data encrypting

Question Number : 56 Question Id : 347535356 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In C++, "cout" is a/an _____.

Options :

1. ✖ operator
2. ✖ function
3. ✔ object
4. ✖ macro
5. ✖ arithmetic function

Question Number : 56 Question Id : 347535356 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In C++, "cout" is a/an _____.

Options :

1. ✖ operator
2. ✖ function
3. ✔ object
4. ✖ macro
5. ✖ arithmetic function

Question Number : 57 Question Id : 347535357 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following concepts facilitates to use the objects of one class inside another class?

Options :

1. ✖ Encapsulation
2. ✖ Abstraction
3. ✔ Composition
4. ✖ Inheritance
5. ✖ Decapsulation

Question Number : 57 Question Id : 347535357 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following concepts facilitates to use the objects of one class inside another class?

Options :

1. ✖ Encapsulation
2. ✖ Abstraction

- 3. ☒ Composition
- 4. ☐ Inheritance
- 5. ☐ Decapsulation

Question Number : 58 Question Id : 347535358 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the number of polymorphism categories supported by C++?

Options :

- 1. ☐ 1
- 2. ☒ 2
- 3. ☐ 3
- 4. ☐ 4
- 5. ☐ 5

Question Number : 58 Question Id : 347535358 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the number of polymorphism categories supported by C++?

Options :

- 1. ☐ 1
- 2. ☒ 2
- 3. ☐ 3
- 4. ☐ 4
- 5. ☐ 5

Question Number : 59 Question Id : 347535359 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify an abstract data type.

Options :

- 1. ☐ int
- 2. ☐ double
- 3. ☐ string
- 4. ☒ class
- 5. ☐ float

Question Number : 59 Question Id : 347535359 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify an abstract data type.

Options :

- 1. ☐ int

- 2. ✗ double
- 3. ✗ string
- 4. ✓ class
- 5. ✗ float

Question Number : 60 Question Id : 347535360 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Number of vertices of odd degree in a graph is:

Options :

- 1. ✓ always even
- 2. ✗ always odd
- 3. ✗ either even or odd
- 4. ✗ always zero
- 5. ✗ always infinity

Question Number : 60 Question Id : 347535360 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Number of vertices of odd degree in a graph is:

Options :

- 1. ✓ always even
- 2. ✗ always odd
- 3. ✗ either even or odd
- 4. ✗ always zero
- 5. ✗ always infinity

Question Number : 61 Question Id : 347535361 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

If v is an isolated vertex in a graph, then the degree of v is:

Options :

- 1. ✓ 0
- 2. ✗ 1
- 3. ✗ 2
- 4. ✗ 3
- 5. ✗ 5

Question Number : 61 Question Id : 347535361 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

If v is an isolated vertex in a graph, then the degree of v is:

Options :

1. ☒ 0
2. ☐ 1
3. ☐ 2
4. ☐ 3
5. ☐ 5

Question Number : 62 Question Id : 347535362 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The relation $\{(1,2), (1,3), (3,1), (1,1), (3,3), (3,2), (1,4), (4,2), (3,4)\}$ is:

Options :

1. ☐ reflexive
2. ☒ transitive
3. ☐ symmetric
4. ☐ asymmetric
5. ☐ inverse

Question Number : 62 Question Id : 347535362 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The relation $\{(1,2), (1,3), (3,1), (1,1), (3,3), (3,2), (1,4), (4,2), (3,4)\}$ is:

Options :

1. ☐ reflexive
2. ☒ transitive
3. ☐ symmetric
4. ☐ asymmetric
5. ☐ inverse

Question Number : 63 Question Id : 347535363 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

If x and y are real numbers then $\max(x, y) + \min(x, y)$ is equal to:

Options :

1. ☐ $2x$
2. ☐ $2y$
3. ☐ $(x + y)/2$
4. ☒ $x + y$
5. ☐ x/y

Question Number : 63 Question Id : 347535363 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

If x and y are real numbers then $\max(x, y) + \min(x, y)$ is equal to:

Options :

1. ✗ $2x$
2. ✗ $2y$
3. ✗ $(x + y)/2$
4. ✓ $x + y$
5. ✗ x/y

Question Number : 64 Question Id : 347535364 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A dedicated computer:

Options :

1. ✗ is used by one person only
2. ✓ is assigned to one and only one task
3. ✗ has one kind of software
4. ✗ is meant for application software only
5. ✗ is meant for system software only

Question Number : 64 Question Id : 347535364 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A dedicated computer:

Options :

1. ✗ is used by one person only
2. ✓ is assigned to one and only one task
3. ✗ has one kind of software
4. ✗ is meant for application software only
5. ✗ is meant for system software only

Question Number : 65 Question Id : 347535365 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the disadvantage in using a circular linked list?

Options :

1. ✓ Possibility of infinite loop
2. ✗ Last node points to first node

- 3. ✖ Time consuming
- 4. ✖ Requires more memory space
- 5. ✖ Too slow

Question Number : 65 Question Id : 347535365 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the disadvantage in using a circular linked list?

Options :

- 1. ✔ Possibility of infinite loop
- 2. ✖ Last node points to first node
- 3. ✖ Time consuming
- 4. ✖ Requires more memory space
- 5. ✖ Too slow

Question Number : 66 Question Id : 347535366 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A linear list in which each node has pointers to point to the predecessor and successors nodes is called as:

Options :

- 1. ✖ Singly linked list
- 2. ✖ Circular linked list
- 3. ✔ Doubly linked list
- 4. ✖ Linear linked List
- 5. ✖ Non-linear linked list

Question Number : 66 Question Id : 347535366 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A linear list in which each node has pointers to point to the predecessor and successors nodes is called as:

Options :

- 1. ✖ Singly linked list
- 2. ✖ Circular linked list
- 3. ✔ Doubly linked list
- 4. ✖ Linear linked List
- 5. ✖ Non-linear linked list

Question Number : 67 Question Id : 347535367 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following data structure can't store the non-homogeneous data elements?

Options :

1. ☒ Arrays
2. ☐ Trees
3. ☐ Graphs
4. ☐ Queues
5. ☐ Stacks

Question Number : 67 Question Id : 347535367 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following data structure can't store the non-homogeneous data elements?

Options :

1. ☒ Arrays
2. ☐ Trees
3. ☐ Graphs
4. ☐ Queues
5. ☐ Stacks

Question Number : 68 Question Id : 347535368 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In a priority queue, insertion and deletion takes place at _____.

Options :

1. ☐ front and rear ends, respectively
2. ☐ only at rear end
3. ☐ only at front end
4. ☐ any position
5. ☒ rear and front ends, respectively

Question Number : 68 Question Id : 347535368 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In a priority queue, insertion and deletion takes place at _____.

Options :

1. ☐ front and rear ends, respectively
2. ☐ only at rear end
3. ☐ only at front end
4. ☐ any position
5. ☒ rear and front ends, respectively

Question Number : 69 Question Id : 347535369 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the best-case time-complexity of quick sort?

Options :

1. ✗ $O(n)$
2. ✗ $O(n^2)$
3. ✓ $O(n \log n)$
4. ✗ $O(\log n)$
5. ✗ $O(\log_2 n)$

Question Number : 69 Question Id : 347535369 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the best-case time-complexity of quick sort?

Options :

1. ✗ $O(n)$
2. ✗ $O(n^2)$
3. ✓ $O(n \log n)$
4. ✗ $O(\log n)$
5. ✗ $O(\log_2 n)$

Question Number : 70 Question Id : 347535370 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is an application of stack?

Options :

1. ✓ Finding factorial
2. ✗ Finding square root
3. ✗ Computing temperature
4. ✗ Computing average
5. ✗ Finding inverse

Question Number : 70 Question Id : 347535370 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is an application of stack?

Options :

1. ✓ Finding factorial

2. ✖ Finding square root
3. ✖ Computing temperature
4. ✖ Computing average
5. ✖ Finding inverse

Question Number : 71 Question Id : 347535371 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

One ended data structure is:

Options :

1. ✖ queue
2. ✔ stack
3. ✖ tree
4. ✖ graph
5. ✖ decision box

Question Number : 71 Question Id : 347535371 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

One ended data structure is:

Options :

1. ✖ queue
2. ✔ stack
3. ✖ tree
4. ✖ graph
5. ✖ decision box

Question Number : 72 Question Id : 347535372 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A list which displays the relationship of adjacency between elements is said to be:

Options :

1. ✔ linear
2. ✖ non-linear
3. ✖ linked list
4. ✖ tree
5. ✖ queue list

Question Number : 72 Question Id : 347535372 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A list which displays the relationship of adjacency between elements is said to be:

Options :

1. ☒ linear
2. ☐ non-linear
3. ☐ linked list
4. ☐ tree
5. ☐ queue list

Question Number : 73 Question Id : 347535373 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

When CPU is executing a program that is part of the operating system, it is said to be in:

Options :

1. ☐ User mode
2. ☒ System mode
3. ☐ Half mode
4. ☐ Simplex mode
5. ☐ Process mode

Question Number : 73 Question Id : 347535373 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

When CPU is executing a program that is part of the operating system, it is said to be in:

Options :

1. ☐ User mode
2. ☒ System mode
3. ☐ Half mode
4. ☐ Simplex mode
5. ☐ Process mode

Question Number : 74 Question Id : 347535374 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

An n-bit microprocessor has:

Options :

1. ☐ n-bit program counter
2. ☐ n-bit address register
3. ☐ n-bit ALU
4. ☒ n-bit instruction register
5. ☐ n-bit data register

Correct : 2 Wrong : 1

An n-bit microprocessor has:

Options :

1. ✗ n-bit program counter
2. ✗ n-bit address register
3. ✗ n-bit ALU
4. ✓ n-bit instruction register
5. ✗ n-bit data register

Question Number : 75 Question Id : 347535375 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

On which principle does a Cache memory works?

Options :

1. ✗ Locality of data
2. ✗ Locality of memory
3. ✓ Locality of reference
4. ✗ Locality of reference and memory
5. ✗ Locality of control

Question Number : 75 Question Id : 347535375 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

On which principle does a Cache memory works?

Options :

1. ✗ Locality of data
2. ✗ Locality of memory
3. ✓ Locality of reference
4. ✗ Locality of reference and memory
5. ✗ Locality of control

Question Number : 76 Question Id : 347535376 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the term that contains a pointer that keeps track of current row being accessed, enabling program to process the rows at a time.

Options :

1. ✗ Tracker
2. ✓ Cursor

- 3. ✖ Accesser
- 4. ✖ Trigger
- 5. ✖ Erasure

Question Number : 76 Question Id : 347535376 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the term that contains a pointer that keeps track of current row being accessed, enabling program to process the rows at a time.

Options :

- 1. ✖ Tracker
- 2. ✔ Cursor
- 3. ✖ Accesser
- 4. ✖ Trigger
- 5. ✖ Erasure

Question Number : 77 Question Id : 347535377 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

An operation that enables us to define cursor and assign a name to it:

Options :

- 1. ✔ Declaring
- 2. ✖ Stating
- 3. ✖ Extracting
- 4. ✖ Importing
- 5. ✖ Exporting

Question Number : 77 Question Id : 347535377 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

An operation that enables us to define cursor and assign a name to it:

Options :

- 1. ✔ Declaring
- 2. ✖ Stating
- 3. ✖ Extracting
- 4. ✖ Importing
- 5. ✖ Exporting

Question Number : 78 Question Id : 347535378 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the process in which the cursor advances to the next row in the active set whenever a fetch command is executed.

Options :

1. ✗ Recreating process
2. ✗ Redefining process
3. ✓ Iterative process
4. ✗ Restoring process
5. ✗ Summing process

Question Number : 78 Question Id : 347535378 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Identify the process in which the cursor advances to the next row in the active set whenever a fetch command is executed.

Options :

1. ✗ Recreating process
2. ✗ Redefining process
3. ✓ Iterative process
4. ✗ Restoring process
5. ✗ Summing process

Question Number : 79 Question Id : 347535379 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A database object that groups logically related PL/SQL types, objects, and subprograms:

Options :

1. ✗ Module
2. ✓ Package
3. ✗ Body
4. ✗ Name
5. ✗ Output

Question Number : 79 Question Id : 347535379 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A database object that groups logically related PL/SQL types, objects, and subprograms:

Options :

1. ✗ Module
2. ✓ Package
3. ✗ Body

4. ✖ Name

5. ✖ Output

Question Number : 80 Question Id : 347535380 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In the PL/SQL, the package specification contains which of the following declarations?

Options :

1. ✔ Public

2. ✖ Private

3. ✖ Friend

4. ✖ Protected

5. ✖ Exposed

Question Number : 80 Question Id : 347535380 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In the PL/SQL, the package specification contains which of the following declarations?

Options :

1. ✔ Public

2. ✖ Private

3. ✖ Friend

4. ✖ Protected

5. ✖ Exposed

Question Number : 81 Question Id : 347535381 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In SQL, a row in a database can be added with which of the following?

Options :

1. ✖ ADD

2. ✖ CREATE

3. ✔ INSERT

4. ✖ MAKE

5. ✖ DELETE

Question Number : 81 Question Id : 347535381 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In SQL, a row in a database can be added with which of the following?

Options :

1. ✖ ADD

- 2. ✖ CREATE
- 3. ✔ INSERT
- 4. ✖ MAKE
- 5. ✖ DELETE

Question Number : 82 Question Id : 347535382 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In SQL, WHERE clause _____.

- I. limits the column data that are returned
- II. limits the row data that are returned
- III. limits the variables that are returned

Options :

- 1. ✖ Only I
- 2. ✔ Only II
- 3. ✖ Both I and II
- 4. ✖ Neither I nor II
- 5. ✖ Only III

Question Number : 82 Question Id : 347535382 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In SQL, WHERE clause _____.

- I. limits the column data that are returned
- II. limits the row data that are returned
- III. limits the variables that are returned

Options :

- 1. ✖ Only I
- 2. ✔ Only II
- 3. ✖ Both I and II
- 4. ✖ Neither I nor II
- 5. ✖ Only III

Question Number : 83 Question Id : 347535383 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The wildcard in a WHERE clause is useful when _____.

Options :

- 1. ✖ an exact match is necessary in a SELECT statement
- 2. ✖ an exact match is not possible in a DELETE statement

3. ✖ an exact match is necessary in a CREATE statement
4. ✖ an exact match is not possible in a CREATE statement
5. ✔ an exact match is not possible in a SELECT statement

Question Number : 83 Question Id : 347535383 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The wildcard in a WHERE clause is useful when _____.

Options :

1. ✖ an exact match is necessary in a SELECT statement
2. ✖ an exact match is not possible in a DELETE statement
3. ✖ an exact match is necessary in a CREATE statement
4. ✖ an exact match is not possible in a CREATE statement
5. ✔ an exact match is not possible in a SELECT statement

Question Number : 84 Question Id : 347535384 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

DAG representation of a basic block allows:

Options :

1. ✔ automatic detection of local common sub expressions
2. ✖ automatic detection of induction variables
3. ✖ automatic detection of loop variant
4. ✖ automatic rejection of induction coefficients
5. ✖ automatic detection of directional vectors

Question Number : 84 Question Id : 347535384 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

DAG representation of a basic block allows:

Options :

1. ✔ automatic detection of local common sub expressions
2. ✖ automatic detection of induction variables
3. ✖ automatic detection of loop variant
4. ✖ automatic rejection of induction coefficients
5. ✖ automatic detection of directional vectors

Question Number : 85 Question Id : 347535385 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the output of lexical analyzer?

Options :

1. ✗ A set of regular expressions
2. ✗ Syntax tree
3. ✓ Set of tokens
4. ✗ Strings of character
5. ✗ Group of sets

Question Number : 85 Question Id : 347535385 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the output of lexical analyzer?

Options :

1. ✗ A set of regular expressions
2. ✗ Syntax tree
3. ✓ Set of tokens
4. ✗ Strings of character
5. ✗ Group of sets

Question Number : 86 Question Id : 347535386 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A bottom up parser generates:

Options :

1. ✗ right most derivation
2. ✓ right most derivation in reverse
3. ✗ left most derivation
4. ✗ left most derivation in reverse
5. ✗ middle derivation

Question Number : 86 Question Id : 347535386 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A bottom up parser generates:

Options :

1. ✗ right most derivation
2. ✓ right most derivation in reverse
3. ✗ left most derivation
4. ✗ left most derivation in reverse

5. ✖ middle derivation

Question Number : 87 Question Id : 347535387 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

An optimizing compiler _____.

Options :

1. ✖ is optimized to occupy less space
2. ✖ is optimized to take less time for execution
3. ✔ optimizes the code
4. ✖ decreases performance
5. ✖ simply copies the code

Question Number : 87 Question Id : 347535387 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

An optimizing compiler _____.

Options :

1. ✖ is optimized to occupy less space
2. ✖ is optimized to take less time for execution
3. ✔ optimizes the code
4. ✖ decreases performance
5. ✖ simply copies the code

Question Number : 88 Question Id : 347535388 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A synthesized attribute is an attribute whose value for a parse tree node depends on:

Options :

1. ✖ attributes of the sibling nodes only
2. ✖ attributes of the parent nodes only
3. ✔ attributes of the children nodes only
4. ✖ attributes of the nodes at same level
5. ✖ attributes of the nodes at same height

Question Number : 88 Question Id : 347535388 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A synthesized attribute is an attribute whose value for a parse tree node depends on:

Options :

1. ✖ attributes of the sibling nodes only

2. ✗ attributes of the parent nodes only
3. ✓ attributes of the children nodes only
4. ✗ attributes of the nodes at same level
5. ✗ attributes of the nodes at same height

Question Number : 89 Question Id : 347535389 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Hash tables can contribute to an efficient average case solution for all of the following problems described below EXCEPT:

Options :

1. ✗ Counting distinct values
2. ✗ Dynamic dictionary
3. ✓ Range search
4. ✗ Symbol table lookup
5. ✗ Finding intersections

Question Number : 89 Question Id : 347535389 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Hash tables can contribute to an efficient average case solution for all of the following problems described below EXCEPT:

Options :

1. ✗ Counting distinct values
2. ✗ Dynamic dictionary
3. ✓ Range search
4. ✗ Symbol table lookup
5. ✗ Finding intersections

Question Number : 90 Question Id : 347535390 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

IEEE 802.16 is popularly called as:

Options :

1. ✗ Ethernet
2. ✗ WiFi
3. ✓ WiMAX
4. ✗ Wireless Network
5. ✗ Token Ring

Correct : 2 Wrong : 1

IEEE 802.16 is popularly called as:

Options :

1. ☐ Ethernet
2. ☐ WiFi
3. ☒ WiMAX
4. ☐ Wireless Network
5. ☐ Token Ring

Question Number : 91 Question Id : 347535391 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following has the smallest default maximum physical receive packet size?

Options :

1. ☐ ARCnet
2. ☒ Ethernet
3. ☐ Token ring [4Mbps]
4. ☐ Token ring [16Mbps]
5. ☐ Token ring [20Mbps]

Question Number : 91 Question Id : 347535391 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following has the smallest default maximum physical receive packet size?

Options :

1. ☐ ARCnet
2. ☒ Ethernet
3. ☐ Token ring [4Mbps]
4. ☐ Token ring [16Mbps]
5. ☐ Token ring [20Mbps]

Question Number : 92 Question Id : 347535392 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The receiver equalizer reduces delay distortions using:

Options :

1. ☒ Tapped delay lines
2. ☐ Gearshift
3. ☐ Descrambler

4. ✖ Difference engine

5. ✖ Additive function

Question Number : 92 Question Id : 347535392 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The receiver equalizer reduces delay distortions using:

Options :

1. ✔ Tapped delay lines

2. ✖ Gearshift

3. ✖ Descrambler

4. ✖ Difference engine

5. ✖ Additive function

Question Number : 93 Question Id : 347535393 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

DNS is used to locate the:

Options :

1. ✖ MAC address of a URL

2. ✔ IP address of a URL

3. ✖ Root domain of a URL

4. ✖ Domain name of a URL

5. ✖ Domain address of a URL

Question Number : 93 Question Id : 347535393 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

DNS is used to locate the:

Options :

1. ✖ MAC address of a URL

2. ✔ IP address of a URL

3. ✖ Root domain of a URL

4. ✖ Domain name of a URL

5. ✖ Domain address of a URL

Question Number : 94 Question Id : 347535394 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A small network making up the internet and also having a small number of computers within it is called as:

Options :

1. ✖ Host

2. ✖ Address

3. ☒ Sub-domain

4. ☐ Domain

5. ☐ Client

Question Number : 94 Question Id : 347535394 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A small network making up the internet and also having a small number of computers within it is called as:

Options :

1. ☐ Host

2. ☐ Address

3. ☒ Sub-domain

4. ☐ Domain

5. ☐ Client

Question Number : 95 Question Id : 347535395 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which is reserved address for private networks?

Options :

1. ☐ 150.0.0.0 to 150.255.255.255

2. ☐ 128.0.0.0 to 191.255.255.255

3. ☒ 192.168.0.0 to 192.168.255.255

4. ☐ 202.40.55.0 to 202.40.55.255

5. ☐ 202.45.55.0 to 202.90.55.255

Question Number : 95 Question Id : 347535395 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which is reserved address for private networks?

Options :

1. ☐ 150.0.0.0 to 150.255.255.255

2. ☐ 128.0.0.0 to 191.255.255.255

3. ☒ 192.168.0.0 to 192.168.255.255

4. ☐ 202.40.55.0 to 202.40.55.255

5. ☐ 202.45.55.0 to 202.90.55.255

Question Number : 96 Question Id : 347535396 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The first item defined for a new system is its:

Options :

1. ☐ Storage

2. ☒ Outputs
3. ☐ Inputs
4. ☐ Processing
5. ☐ Design

Question Number : 96 Question Id : 347535396 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The first item defined for a new system is its:

Options :

1. ☐ Storage
2. ☒ Outputs
3. ☐ Inputs
4. ☐ Processing
5. ☐ Design

Question Number : 97 Question Id : 347535397 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

If A is the total items consumed per year, P is the procurement cost per order and C is the annual inventory carrying cost per item, then the most economic ordering quantity (EOQ) is equal to:

Options :

1. ☐ $(A.P/C)^2$
2. ☒ $(2A P/C)^{\frac{1}{2}}$
3. ☐ $2A P/\sqrt{C}$
4. ☐ $A^2 P/C$
5. ☐ $A.P/C$

Question Number : 97 Question Id : 347535397 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

If A is the total items consumed per year, P is the procurement cost per order and C is the annual inventory carrying cost per item, then the most economic ordering quantity (EOQ) is equal to:

Options :

1. ☐ $(A.P/C)^2$
2. ☒ $(2A P/C)^{\frac{1}{2}}$
3. ☐ $2A P/\sqrt{C}$
4. ☐ $A^2 P/C$

5. ✖ A. P/C

Question Number : 98 Question Id : 347535398 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a process metric?

Options :

1. ✖ Productivity
2. ✔ Functionality
3. ✖ Quality
4. ✖ Efficiency
5. ✖ Portability

Question Number : 98 Question Id : 347535398 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a process metric?

Options :

1. ✖ Productivity
2. ✔ Functionality
3. ✖ Quality
4. ✖ Efficiency
5. ✖ Portability

Question Number : 99 Question Id : 347535399 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which one is not a phase of "bathtub curve" of hardware reliability?

Options :

1. ✖ Burn-in
2. ✖ Wear-out
3. ✔ Test-out
4. ✖ Useful life
5. ✖ Burn-out

Question Number : 99 Question Id : 347535399 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which one is not a phase of "bathtub curve" of hardware reliability?

Options :

1. ✖ Burn-in

- 2. ✖ Wear-out
- 3. ✔ Test-out
- 4. ✖ Useful life
- 5. ✖ Burn-out

Question Number : 100 Question Id : 347535400 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Which one of the following term is a level name in the Capability Maturity Model?

Options :

- 1. ✖ Ad hoc
- 2. ✔ Repeatable
- 3. ✖ Reusable
- 4. ✖ Organized
- 5. ✖ Systemized

Question Number : 100 Question Id : 347535400 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Which one of the following term is a level name in the Capability Maturity Model?

Options :

- 1. ✖ Ad hoc
- 2. ✔ Repeatable
- 3. ✖ Reusable
- 4. ✖ Organized
- 5. ✖ Systemized

Question Number : 101 Question Id : 347535401 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Spiral model begins with:

Options :

- 1. ✖ Design
- 2. ✖ Risk analysis
- 3. ✖ Coding
- 4. ✔ Customer communication
- 5. ✖ Analysis

Question Number : 101 Question Id : 347535401 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Spiral model begins with:

Options :

1. ✘ Design
2. ✘ Risk analysis
3. ✘ Coding
4. ✔ Customer communication
5. ✘ Analysis

Question Number : 102 Question Id : 347535402 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which one of the following is not a valid type of requirement?

Options :

1. ✘ Known requirement
2. ✘ Unknown requirement
3. ✘ Undreamt requirement
4. ✔ Complex requirement
5. ✘ Functional requirement

Question Number : 102 Question Id : 347535402 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which one of the following is not a valid type of requirement?

Options :

1. ✘ Known requirement
2. ✘ Unknown requirement
3. ✘ Undreamt requirement
4. ✔ Complex requirement
5. ✘ Functional requirement

Question Number : 103 Question Id : 347535403 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In an undirected graph, the sum of degrees of all the nodes _____.

Options :

1. ✘ need not be even
2. ✘ must be odd
3. ✔ is twice the number of edges
4. ✘ must be even

5. ✖ is thrice the number of edges

Question Number : 103 Question Id : 347535403 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

In an undirected graph, the sum of degrees of all the nodes _____.

Options :

- 1. ✖ need not be even
- 2. ✖ must be odd
- 3. ✔ is twice the number of edges
- 4. ✖ must be even
- 5. ✖ is thrice the number of edges

Question Number : 104 Question Id : 347535404 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

The running time of _____ depends on whether the partitioning is balanced or unbalanced.

Options :

- 1. ✖ Insertion sort
- 2. ✖ Selection sort
- 3. ✔ Quick sort
- 4. ✖ Merge sort
- 5. ✖ Bubble sort

Question Number : 104 Question Id : 347535404 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

The running time of _____ depends on whether the partitioning is balanced or unbalanced.

Options :

- 1. ✖ Insertion sort
- 2. ✖ Selection sort
- 3. ✔ Quick sort
- 4. ✖ Merge sort
- 5. ✖ Bubble sort

Question Number : 105 Question Id : 347535405 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Graphs are represented using:

Options :

- 1. ✖ Adjacency tree
- 2. ✔ Adjacency linked list

- 3. ✖ Adjacency graph
- 4. ✖ Adjacency queue
- 5. ✖ Adjacency output

Question Number : 105 Question Id : 347535405 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Graphs are represented using:

Options :

- 1. ✖ Adjacency tree
- 2. ✔ Adjacency linked list
- 3. ✖ Adjacency graph
- 4. ✖ Adjacency queue
- 5. ✖ Adjacency output

Question Number : 106 Question Id : 347535406 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A connected graph G is an Euler graph, if and only if all vertices of G are of:

Options :

- 1. ✖ same degree
- 2. ✔ even degree
- 3. ✖ odd degree
- 4. ✖ different degree
- 5. ✖ double

Question Number : 106 Question Id : 347535406 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A connected graph G is an Euler graph, if and only if all vertices of G are of:

Options :

- 1. ✖ same degree
- 2. ✔ even degree
- 3. ✖ odd degree
- 4. ✖ different degree
- 5. ✖ double

Question Number : 107 Question Id : 347535407 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The complexity of multiplying two matrices of order $m \times n$ and $n \times p$ is:

Options :

1. ☒ $m \times n \times p$
2. ☐ $m \times n \times n \times p$
3. ☐ $m \times m \times p$
4. ☐ $m \times n \times n$
5. ☐ $p \times n \times n$

Question Number : 107 Question Id : 347535407 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The complexity of multiplying two matrices of order $m \times n$ and $n \times p$ is:

Options :

1. ☒ $m \times n \times p$
2. ☐ $m \times n \times n \times p$
3. ☐ $m \times m \times p$
4. ☐ $m \times n \times n$
5. ☐ $p \times n \times n$

Question Number : 108 Question Id : 347535408 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In worst case, the time-complexity of Quick Sort is:

Options :

1. ☐ $O(n \log n)$
2. ☒ $O(n^2)$
3. ☐ $O(\log n)$
4. ☐ $O(n^2/4)$
5. ☐ $O(n)$

Question Number : 108 Question Id : 347535408 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

In worst case, the time-complexity of Quick Sort is:

Options :

1. ☐ $O(n \log n)$
2. ☒ $O(n^2)$
3. ☐ $O(\log n)$

4. ✖ $O(n^2/4)$

5. ✖ $O(n)$

Question Number : 109 Question Id : 347535409 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Preorder is nothing but:

Options :

1. ✔ Depth-first order
2. ✖ Breadth-first order
3. ✖ Topological order
4. ✖ Linear order
5. ✖ Reverse order

Question Number : 109 Question Id : 347535409 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Preorder is nothing but:

Options :

1. ✔ Depth-first order
2. ✖ Breadth-first order
3. ✖ Topological order
4. ✖ Linear order
5. ✖ Reverse order

Question Number : 110 Question Id : 347535410 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Technique used for finding a solution for optimizing the given objective (such as profit maximization or cost minimization) under certain constraints is called -

Options :

1. ✖ Quailing Theory
2. ✖ Waiting Line
3. ✔ Linear Programming
4. ✖ Graph Theory
5. ✖ Maxima

Question Number : 110 Question Id : 347535410 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Technique used for finding a solution for optimizing the given objective (such as profit maximization or cost minimization) under certain constraints is called -

Options :

1. ✖ Quailing Theory
2. ✖ Waiting Line
3. ✔ Linear Programming
4. ✖ Graph Theory
5. ✖ Maxima

Question Number : 111 Question Id : 347535411 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

States in a dynamic programming problem represent _____.

Options :

1. ✔ various conditions of the decision process at a stage
2. ✖ the status of the system at a particular stage
3. ✖ possible effects that the current decision has on future courses of action
4. ✖ the status of the process at an invalid state
5. ✖ previous state

Question Number : 111 Question Id : 347535411 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

States in a dynamic programming problem represent _____.

Options :

1. ✔ various conditions of the decision process at a stage
2. ✖ the status of the system at a particular stage
3. ✖ possible effects that the current decision has on future courses of action
4. ✖ the status of the process at an invalid state
5. ✖ previous state

Question Number : 112 Question Id : 347535412 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A package is a collection of:

Options :

1. ✖ Classes
2. ✖ Interfaces
3. ✖ Editing tools

4. ☒ Classes and interfaces
5. ☐ Editing tools and interfaces

Question Number : 112 Question Id : 347535412 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

A package is a collection of:

Options :

1. ☐ Classes
2. ☐ Interfaces
3. ☐ Editing tools
4. ☒ Classes and interfaces
5. ☐ Editing tools and interfaces

Question Number : 113 Question Id : 347535413 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

A method within a class is only accessible by classes that are defined within the same package as the class of the method. Which one of the following is used to enforce such restriction?

Options :

1. ☐ Declare the method with the keyword public
2. ☐ Declare the method with the keyword private
3. ☐ Declare the method with the keyword protected
4. ☒ Do not declare the method with any accessibility modifiers
5. ☐ Declare the method with the keyword public and private

Question Number : 113 Question Id : 347535413 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

A method within a class is only accessible by classes that are defined within the same package as the class of the method. Which one of the following is used to enforce such restriction?

Options :

1. ☐ Declare the method with the keyword public
2. ☐ Declare the method with the keyword private
3. ☐ Declare the method with the keyword protected
4. ☒ Do not declare the method with any accessibility modifiers
5. ☐ Declare the method with the keyword public and private

Question Number : 114 Question Id : 347535414 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Basic Java language functions are stored in which of the following java package?

Options :

1. ☒ java.lang
2. ☐ java.io
3. ☐ java.net
4. ☐ java.util
5. ☐ java.awt

Question Number : 114 Question Id : 347535414 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Basic Java language functions are stored in which of the following java package?

Options :

1. ☒ java.lang
2. ☐ java.io
3. ☐ java.net
4. ☐ java.util
5. ☐ java.awt

Question Number : 115 Question Id : 347535415 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is a member of the Java language package?

Options :

1. ☐ List
2. ☐ Queue
3. ☒ Math
4. ☐ Stack
5. ☐ Process

Question Number : 115 Question Id : 347535415 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is a member of the Java language package?

Options :

1. ☐ List
2. ☐ Queue
3. ☒ Math
4. ☐ Stack

5. ✖ Process

Question Number : 116 Question Id : 347535416 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following has a method name flush()?

Options :

1. ✖ Input stream
2. ✔ Output Stream
3. ✖ Reader stream
4. ✖ Input reader stream
5. ✖ Input output stream

Question Number : 116 Question Id : 347535416 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following has a method name flush()?

Options :

1. ✖ Input stream
2. ✔ Output Stream
3. ✖ Reader stream
4. ✖ Input reader stream
5. ✖ Input output stream

Question Number : 117 Question Id : 347535417 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is costly networking topology?

Options :

1. ✖ Bus topology
2. ✖ Ring Topology
3. ✔ Mesh topology
4. ✖ Tree topology
5. ✖ Star Topology

Question Number : 117 Question Id : 347535417 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is costly networking topology?

Options :

1. ✖ Bus topology

2. ✖ Ring Topology
3. ✔ Mesh topology
4. ✖ Tree topology
5. ✖ Star Topology

Question Number : 118 Question Id : 347535418 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Router is a device that:

Options :

1. ✖ amplifies the weak signal
2. ✔ decides the path of the packet
3. ✖ regenerates the packet
4. ✖ stores the packets
5. ✖ multiplexes the input

Question Number : 118 Question Id : 347535418 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Router is a device that:

Options :

1. ✖ amplifies the weak signal
2. ✔ decides the path of the packet
3. ✖ regenerates the packet
4. ✖ stores the packets
5. ✖ multiplexes the input

Question Number : 119 Question Id : 347535419 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

ISO OSI model have:

Options :

1. ✖ four Layers
2. ✖ three layers
3. ✖ five Layers
4. ✔ seven layers
5. ✖ eight layers

Question Number : 119 Question Id : 347535419 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

ISO OSI model have:

Options :

1. ✗ four Layers
2. ✗ three layers
3. ✗ five Layers
4. ✓ seven layers
5. ✗ eight layers

Question Number : 120 Question Id : 347535420 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Gateway is a device that:

Options :

1. ✗ connects networks of same protocol
2. ✓ connects networks of different protocols
3. ✗ deletes unwanted packets
4. ✗ amplifies the signal
5. ✗ inverses the signal

Question Number : 120 Question Id : 347535420 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Gateway is a device that:

Options :

1. ✗ connects networks of same protocol
2. ✓ connects networks of different protocols
3. ✗ deletes unwanted packets
4. ✗ amplifies the signal
5. ✗ inverses the signal

Question Number : 121 Question Id : 347535421 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the value of following C++ expression?

$(2 / 9) ? 3 : 6$

Options :

1. ✗ 2
2. ✗ 3
3. ✓ 6

4. ✖ 0

5. ✖ 9

Question Number : 121 Question Id : 347535421 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the value of following C++ expression?

$(2 / 9) ? 3 : 6$

Options :

1. ✖ 2

2. ✖ 3

3. ✔ 6

4. ✖ 0

5. ✖ 9

Question Number : 122 Question Id : 347535422 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a valid storage class in C++?

Options :

1. ✖ auto

2. ✖ register

3. ✔ dynamic

4. ✖ static

5. ✖ extern

Question Number : 122 Question Id : 347535422 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a valid storage class in C++?

Options :

1. ✖ auto

2. ✖ register

3. ✔ dynamic

4. ✖ static

5. ✖ extern

Question Number : 123 Question Id : 347535423 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The default linkage of global variables in C++ is:

Options :

1. ✗ internal
2. ✓ external
3. ✗ both internal and external
4. ✗ static
5. ✗ dynamic

Question Number : 123 Question Id : 347535423 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

The default linkage of global variables in C++ is:

Options :

1. ✗ internal
2. ✓ external
3. ✗ both internal and external
4. ✗ static
5. ✗ dynamic

Question Number : 124 Question Id : 347535424 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

What is the output of following C++ program segment?

```
for(x=2 ; x-- ; x++);
```

Options :

1. ✓ Infinite loop
2. ✗ 1
3. ✗ 2
4. ✗ 3
5. ✗ Syntax error

Question Number : 124 Question Id : 347535424 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

What is the output of following C++ program segment?

```
for(x=2 ; x-- ; x++);
```

Options :

1. ✓ Infinite loop
2. ✗ 1
3. ✗ 2
4. ✗ 3
5. ✗ Syntax error

Question Number : 125 Question Id : 347535425 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Assuming one byte memory space allocation for char type variables, what will be the output of the following program segment?

```
char t = 128;  
printf("%d", t);
```

Options :

1. ✗ 127
2. ✗ 128
3. ✗ -127
4. ✓ -128
5. ✗ Syntax error

Question Number : 125 Question Id : 347535425 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Assuming one byte memory space allocation for char type variables, what will be the output of the following program segment?

```
char t = 128;  
printf("%d", t);
```

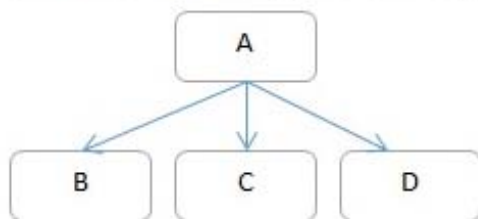
Options :

1. ✗ 127
2. ✗ 128
3. ✗ -127
4. ✓ -128
5. ✗ Syntax error

Question Number : 126 Question Id : 347535426 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The inheritance represented by the following figure is a category of:



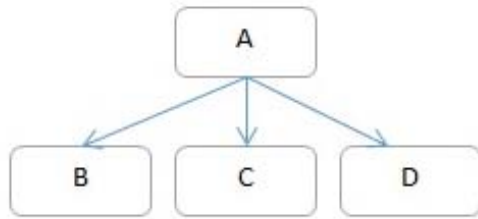
Options :

1. ✗ Multiple inheritance
2. ✗ Multilevel inheritance
3. ✗ Single inheritance
4. ✓ Hierarchical inheritance

5. ✖ Hybrid inheritance

Question Number : 126 Question Id : 347535426 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

The inheritance represented by the following figure is a category of:



Options :

1. ✖ Multiple inheritance
2. ✖ Multilevel inheritance
3. ✖ Single inheritance
4. ✔ Hierarchical inheritance
5. ✖ Hybrid inheritance

Question Number : 127 Question Id : 347535427 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

In C++, which of the following keyword is used to restrict the base class to be common throughout an inheritance hierarchy?

Options :

1. ✖ Private
2. ✖ Public
3. ✖ Protected
4. ✖ Static
5. ✔ Virtual

Question Number : 127 Question Id : 347535427 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

In C++, which of the following keyword is used to restrict the base class to be common throughout an inheritance hierarchy?

Options :

1. ✖ Private
2. ✖ Public
3. ✖ Protected
4. ✖ Static
5. ✔ Virtual

Correct : 2 Wrong : 1

A set S is said to be countably infinite if there exists a(an) _____ function from the set of natural numbers to S .

Options :

1. ✗ Onto
2. ✓ One-to-one
3. ✗ Both Onto and One-to-one
4. ✗ Even
5. ✗ Odd

Question Number : 128 Question Id : 347535428 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A set S is said to be countably infinite if there exists a(an) _____ function from the set of natural numbers to S .

Options :

1. ✗ Onto
2. ✓ One-to-one
3. ✗ Both Onto and One-to-one
4. ✗ Even
5. ✗ Odd

Question Number : 129 Question Id : 347535429 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following pair of sets form a partition of the set of integers?

Options :

1. ✓ $\{\dots, -2, -1, 0\}$ and $\{1, 2, \dots\}$
2. ✗ $\{\dots, -2, -1, 0\}$ and $\{0, 1, 2, \dots\}$
3. ✗ $\{\dots, -2, -1, 0\}$ and $\{1, 2, 3\}$
4. ✗ $\{\dots, -2, -1, 0\}$ and $\{-1, 0, 1, 2\}$
5. ✗ $\{\dots, -2, -1, 0\}$ and $\{2, 3, \dots\}$

Question Number : 129 Question Id : 347535429 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following pair of sets form a partition of the set of integers?

Options :

1. ✓ $\{\dots, -2, -1, 0\}$ and $\{1, 2, \dots\}$
2. ✗ $\{\dots, -2, -1, 0\}$ and $\{0, 1, 2, \dots\}$

- 3. ✖ $\{\dots, -2, -1, 0\}$ and $\{1, 2, 3\}$
- 4. ✖ $\{\dots, -2, -1, 0\}$ and $\{-1, 0, 1, 2\}$
- 5. ✖ $\{\dots, -2, -1, 0\}$ and $\{2, 3, \dots\}$

Question Number : 130 Question Id : 347535430 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Let S is a set of all people. If for any two people $x, y \in S$, $x \leq y$ represents "x is an ancestor of y", then the relation $\leq$ is:

- I. Partial order
- II. Total order
- III. Symmetric

Options :

- 1. ✔ Only I
- 2. ✖ Only II
- 3. ✖ Both I and II
- 4. ✖ Neither I nor II
- 5. ✖ Only III

Question Number : 130 Question Id : 347535430 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Let S is a set of all people. If for any two people $x, y \in S$, $x \leq y$ represents "x is an ancestor of y", then the relation $\leq$ is:

- I. Partial order
- II. Total order
- III. Symmetric

Options :

- 1. ✔ Only I
- 2. ✖ Only II
- 3. ✖ Both I and II
- 4. ✖ Neither I nor II
- 5. ✖ Only III

Question Number : 131 Question Id : 347535431 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is absorption law?

Options :

- 1. ✖ $P \vee (P \wedge Q) \equiv P$
- 2. ✖ $P \wedge (P \vee Q) \equiv P$
- 3. ✔ Both $P \vee (P \wedge Q) \equiv P$ and $P \wedge (P \vee Q) \equiv P$

4. ✖ $P \wedge (P \vee Q) \equiv Q$

5. ✖ $P \vee (P \wedge Q) \equiv Q$

Question Number : 131 Question Id : 347535431 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is absorption law?

Options :

1. ✖ $P \vee (P \wedge Q) \equiv P$

2. ✖ $P \wedge (P \vee Q) \equiv P$

3. ✔ Both $P \vee (P \wedge Q) \equiv P$ and $P \wedge (P \vee Q) \equiv P$

4. ✖ $P \wedge (P \vee Q) \equiv Q$

5. ✖ $P \vee (P \wedge Q) \equiv Q$

Question Number : 132 Question Id : 347535432 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The negation of the implication $P \rightarrow Q$ is equivalent to:

Options :

1. ✔ $P \wedge \neg Q$

2. ✖ $\neg P \wedge Q$

3. ✖ $P \vee \neg Q$

4. ✖ $\neg P \vee Q$

5. ✖ $\neg P \wedge \neg Q$

Question Number : 132 Question Id : 347535432 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The negation of the implication $P \rightarrow Q$ is equivalent to:

Options :

1. ✔ $P \wedge \neg Q$

2. ✖ $\neg P \wedge Q$

3. ✖ $P \vee \neg Q$

4. ✖ $\neg P \vee Q$

5. ✖ $\neg P \wedge \neg Q$

Question Number : 133 Question Id : 347535433 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The height of the expression tree for the arithmetic expression $(A+B*C) - ((D*E+F)/G)$ is:

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4
5. ✔ 5

Question Number : 133 Question Id : 347535433 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

The height of the expression tree for the arithmetic expression $(A+B*C) - ((D*E+F)/G)$ is:

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4
5. ✔ 5

Question Number : 134 Question Id : 347535434 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Which of the following entities can be considered as a weak entity?

Options :

1. ✖ Book
2. ✖ Publisher
3. ✖ Author
4. ✔ Edition
5. ✖ Library

Question Number : 134 Question Id : 347535434 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Which of the following entities can be considered as a weak entity?

Options :

1. ✖ Book
2. ✖ Publisher
3. ✖ Author
4. ✔ Edition
5. ✖ Library

Question Number : 135 Question Id : 347535435 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Entity integrity constraint states that:

Options :

1. ☒ the value of primary key cannot be Null
2. ☐ the value of foreign key cannot be Null
3. ☐ the value of candidate keys must be unique for each records
4. ☐ the value of primary key must be unique for each records
5. ☐ the value of foreign key can be Null

Question Number : 135 Question Id : 347535435 Question Type : MCQ Display Question Number : Yes Single Line Question

Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Entity integrity constraint states that:

Options :

1. ☒ the value of primary key cannot be Null
2. ☐ the value of foreign key cannot be Null
3. ☐ the value of candidate keys must be unique for each records
4. ☐ the value of primary key must be unique for each records
5. ☐ the value of foreign key can be Null

Question Number : 136 Question Id : 347535436 Question Type : MCQ Display Question Number : Yes Single Line Question

Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A relation schema with only two attributes is always in:

Options :

1. ☐ 1NF, but not in 2NF
2. ☐ 2NF, but not in 3NF
3. ☐ 3NF, but not in BCNF
4. ☒ BCNF
5. ☐ 4NF

Question Number : 136 Question Id : 347535436 Question Type : MCQ Display Question Number : Yes Single Line Question

Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

A relation schema with only two attributes is always in:

Options :

1. ☐ 1NF, but not in 2NF
2. ☐ 2NF, but not in 3NF
3. ☐ 3NF, but not in BCNF
4. ☒ BCNF

5. ✖ 4NF

Question Number : 137 Question Id : 347535437 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following statements is incorrect?

Options :

1. ✔ A database file may have a primary and a clustering index together.
2. ✖ A database file may have maximum one primary index.
3. ✖ A database file may have maximum one clustering index.
4. ✖ A database file may have many secondary indexes.
5. ✖ Primary index is always non-dense.

Question Number : 137 Question Id : 347535437 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following statements is incorrect?

Options :

1. ✔ A database file may have a primary and a clustering index together.
2. ✖ A database file may have maximum one primary index.
3. ✖ A database file may have maximum one clustering index.
4. ✖ A database file may have many secondary indexes.
5. ✖ Primary index is always non-dense.

Question Number : 138 Question Id : 347535438 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The blocking factor of a database file represents:

Options :

1. ✖ total number of records in the file
2. ✔ number of records per block
3. ✖ number of blocks per sector
4. ✖ number of blocks per track
5. ✖ number of blocks per cylinder

Question Number : 138 Question Id : 347535438 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

The blocking factor of a database file represents:

Options :

1. ✖ total number of records in the file

2. ☒ number of records per block
3. ☐ number of blocks per sector
4. ☐ number of blocks per track
5. ☐ number of blocks per cylinder

Question Number : 139 Question Id : 347535439 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Let $R(A, B, C)$ and $S(C, D, E, F)$ are two relation schemas and '*' represents "Natural Join" operation.
What is the degree of $R * S$?

Options :

1. ☐ 3
2. ☐ 4
3. ☒ 6
4. ☐ 7
5. ☐ 12

Question Number : 139 Question Id : 347535439 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Let $R(A, B, C)$ and $S(C, D, E, F)$ are two relation schemas and '*' represents "Natural Join" operation.
What is the degree of $R * S$?

Options :

1. ☐ 3
2. ☐ 4
3. ☒ 6
4. ☐ 7
5. ☐ 12

Question Number : 140 Question Id : 347535440 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

For construction of an 8-bit Adder, what is the minimal requirement?

Options :

1. ☐ 8 half adders
2. ☐ 4 full adders
3. ☐ 16 half adders
4. ☒ 7 full adders and one half adder
5. ☐ 4 half adders and 4 full adders

Question Number : 140 Question Id : 347535440 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

For construction of an 8-bit Adder, what is the minimal requirement?

Options :

1. ✖ 8 half adders
2. ✖ 4 full adders
3. ✖ 16 half adders
4. ✔ 7 full adders and one half adder
5. ✖ 4 half adders and 4 full adders

Question Number : 141 Question Id : 347535441 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the 8's compliment of octal number $(1056700)_8$?

Options :

1. ✖ $(1056777)_8$
2. ✖ $(6721700)_8$
3. ✖ $(6721000)_8$
4. ✖ $(1056100)_8$
5. ✔ $(6721100)_8$

Question Number : 141 Question Id : 347535441 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

What is the 8's compliment of octal number $(1056700)_8$?

Options :

1. ✖ $(1056777)_8$
2. ✖ $(6721700)_8$
3. ✖ $(6721000)_8$
4. ✖ $(1056100)_8$
5. ✔ $(6721100)_8$

Question Number : 142 Question Id : 347535442 Question Type : MCQ Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

If $(24)_{16} = (121)_b$, where b represents the base, then what is the value of b?

Options :

1. ✖ 4
2. ✔ 5
3. ✖ 8
4. ✖ 10
5. ✖ 16

Question Number : 142 Question Id : 347535442 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

If $(24)_{16} = (121)_b$, where b represents the base, then what is the value of b ?

Options :

1. ✖ 4
2. ✔ 5
3. ✖ 8
4. ✖ 10
5. ✖ 16

Question Number : 143 Question Id : 347535443 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

After z-score transformation, the new attribute has mean _____ and standard deviation _____.

Options :

1. ✖ 0, 0
2. ✖ 1, 1
3. ✖ 1, 2
4. ✖ 1, 0
5. ✔ 0, 1

Question Number : 143 Question Id : 347535443 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

After z-score transformation, the new attribute has mean _____ and standard deviation _____.

Options :

1. ✖ 0, 0
2. ✖ 1, 1
3. ✖ 1, 2
4. ✖ 1, 0
5. ✔ 0, 1

Question Number : 144 Question Id : 347535444 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following statements is incorrect?

Options :

1. ✖ Multi-way split of a categorical attribute generally results in more pure partitions than a binary split.
2. ✖ The z-score of x_i measures the deviation of x_i from the mean value, in units of standard deviation.

3. ✓ High entropy means that the partitions in classification are “pure”.
4. ✗ The standard deviation is defined as the positive square root of the variance.
5. ✗ Median is robust against outliers.

Question Number : 144 Question Id : 347535444 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following statements is incorrect?

Options :

1. ✗ Multi-way split of a categorical attribute generally results in more pure partitions than a binary split.
2. ✗ The z-score of x_i measures the deviation of x_i from the mean value, in units of standard deviation.
3. ✓ High entropy means that the partitions in classification are “pure”.
4. ✗ The standard deviation is defined as the positive square root of the variance.
5. ✗ Median is robust against outliers.

Question Number : 145 Question Id : 347535445 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a valid step of knowledge discovery process?

Options :

1. ✗ Data cleaning
2. ✗ Data integration
3. ✓ Data validation
4. ✗ Data mining
5. ✗ Pattern (knowledge) evaluation

Question Number : 145 Question Id : 347535445 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a valid step of knowledge discovery process?

Options :

1. ✗ Data cleaning
2. ✗ Data integration
3. ✓ Data validation
4. ✗ Data mining
5. ✗ Pattern (knowledge) evaluation

Question Number : 146 Question Id : 347535446 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Which of the following is not a valid data mining functionality?

Options :

1. ✗ Data characterization and discrimination
2. ✗ Outlier analysis
3. ✗ Classification and prediction
4. ✗ Evolution analysis
5. ✓ Data aggregation and summarization

Question Number : 146 Question Id : 347535446 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a valid data mining functionality?

Options :

1. ✗ Data characterization and discrimination
2. ✗ Outlier analysis
3. ✗ Classification and prediction
4. ✗ Evolution analysis
5. ✓ Data aggregation and summarization

Question Number : 147 Question Id : 347535447 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a valid characteristic of a Data Warehouse?

Options :

1. ✓ Dynamic
2. ✗ Nonvolatile
3. ✗ Subject-oriented
4. ✗ Integrated
5. ✗ Time-variant

Question Number : 147 Question Id : 347535447 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Which of the following is not a valid characteristic of a Data Warehouse?

Options :

1. ✓ Dynamic
2. ✗ Nonvolatile
3. ✗ Subject-oriented

- 4. ✖ Integrated
- 5. ✖ Time-variant

Question Number : 148 Question Id : 347535448 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Which of the following is not a valid OLAP operation?

Options :

- 1. ✖ Drill-down
- 2. ✔ Aggregate
- 3. ✖ Dice
- 4. ✖ Slice
- 5. ✖ Pivot

Question Number : 148 Question Id : 347535448 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

Which of the following is not a valid OLAP operation?

Options :

- 1. ✖ Drill-down
- 2. ✔ Aggregate
- 3. ✖ Dice
- 4. ✖ Slice
- 5. ✖ Pivot

Question Number : 149 Question Id : 347535449 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

What is the number of cuboids in a 4-D data cube?

Options :

- 1. ✖ 4
- 2. ✖ 5
- 3. ✖ 15
- 4. ✔ 16
- 5. ✖ 25

Question Number : 149 Question Id : 347535449 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical
Correct : 2 Wrong : 1

What is the number of cuboids in a 4-D data cube?

Options :

- 1. ✖ 4
- 2. ✖ 5

3. ✖ 15

4. ✔ 16

5. ✖ 25

Question Number : 150 Question Id : 347535450 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Swapping is a process of:

Options :

1. ✖ exchange of data stored in CPU registers
2. ✖ movement of instructions and data between main memory and CPU registers
3. ✖ movement of instructions and data between CPU registers and secondary memory
4. ✖ movement of instructions and data between main memory and cache memory
5. ✔ movement of instructions and data between main memory and secondary memory

Question Number : 150 Question Id : 347535450 Question Type : MCQ Display Question Number : Yes Single Line Question
Option : No Option Orientation : Vertical

Correct : 2 Wrong : 1

Swapping is a process of:

Options :

1. ✖ exchange of data stored in CPU registers
2. ✖ movement of instructions and data between main memory and CPU registers
3. ✖ movement of instructions and data between CPU registers and secondary memory
4. ✖ movement of instructions and data between main memory and cache memory
5. ✔ movement of instructions and data between main memory and secondary memory