

QUESTION PAPER

Subject: **GENERAL KNOWLEDGE**

Code: **4.01 / 307**

Sr. No.:

Roll No.:

Signature of the Invigilator

Date: 09.07.2008

Duration: 2 Hours

Time: 09:00 Hrs. to 11:00 Hrs.

Max. Marks: 50

Instructions: Please read the following instructions carefully before writing your answers:

- 1) All Questions are compulsory.
- 2) Each Questions carries 1 mark.
- 3) There are four alternatives - (A), (B), (C), (D) given against each question out of which only one is the most appropriate answer. If (A) is correct, round on the correct alternative like (A) .
- 4) **The discarded answer if any, must be crossed properly and supported by initial of the candidate.**
- 5) If a question is answered wrongly or more than one answers are marked, 0.25 marks will be deducted for each such question.
- 6) **Use only blue or black ball pen only. Use of Pencil is not allowed.**
- 7) No sheet from the Question Paper / Answer Book should be detached.
- 8) **You may do rough work, if required, on the blank sheets.**
- 9) Please DO NOT repeat DO NOT write your name anywhere on the Question Paper. Answer sheet. If name or any other symbolic notation are found marked on the Question paper / Answer sheet, this will render the candidate disqualified.

Q.1. Works Committee has to be constituted in any industrial establishment in which number of employed workmen are:

- (A) 50 or more (B) 100 or more (C) 200 or more (D) 250 or more

Q.2. Industrial Dispute Act 1947 does not apply to following state:

- (A) Goa (B) Arunachal Pradesh (C) Jammu & Kashmir (D) Sikkim

Q.3. The limit prescribed for deduction of wages including payment of dues for co-operative societies should not exceed:

- (A) 40 % (B) 50 % (C) 65 % (D) 75 %

Q.4. Under the payment of Wages Act, wages does not include:

- (A) Bonus payable under Bonus Act
(B) Contribution to Provident fund
(C) Subsistence allowance during suspension
(D) Both (B) and (C)

Q.5. Which of the following has been stripped of status of planet ?

- (A) Uranus (B) Neptune (C) Pluto (D) Mars

Q.6. Which of the following is not salient feature of our constitution ?

- (A) Guarantees fundamental duties of citizens

- (B) Recognises dual citizenship
- (C) Independent Judiciary
- (D) Lays down the 'Directive principles of state policy'

Q.7. Which of the following is not a fundamental right ?

- (A) Right to education (B) Right to property (C) Right to constitutional remedies (D) Right to freedom of religion

Q.8. Which of the following is non-conventional energy source ?

- (A) Natural gas (B) Nuclear power (C) Geothermal energy (D) Coal

Q.9. Who is the chairman of Rajya Sabha ?

- (A) Vice President (B) President (C) Chairman of Planning commission (D) Prime Minister

Q.10. Who is Vice President of India ?

- (A) Pratibha Patil (B) Najma Heptullah (C) Rasid Masood (D) Hamid Ansari

Q.11. Scurvy is caused due to the deficiency of:

- (A) Vitamin A (B) Vitamin C (C) Vitamin E (D) Vitamin K

Q.12. The scheme of constitution and procedure of JCM covers all regular central govt. civil employees except the following:

- (A) Members of Group 'A' service (B) Employees of union territories (C) Police personnel (D) All of these

Q.13. Under what section of Trade Union Act, workers are entitled to protection even if strike is illegal ?

- (A) Sec. 18 (B) Sec. 20 (C) Sec. 24 (D) Sec. 25

Q.14. Following minimum members of a trade union may apply for registration of the trade union under trade union act:

- (A) 7 (B) 5 (C) 4 (D) 3

Q.15. The term of staff side members of JCM is:

- (A) 5 years (B) 4 years (C) 3 years (D) 2 years

Q.16. Which of the following is not principle of Industrial Disputes Act:

- (A) Disputes are to be resolved by mutual negotiation
- (B) Strikes and lock out cannot be resorted during pendency of proceeding before a labour court
- (C) Resolving disputes by trial of strength
- (D) Effect an agreement / compromise

Q.17. The employer shall not be liable to pay compensation, if the injury does not result in the total or partial disablement of a worker for a period not exceeding:

- (A) 3 days (B) 5 days (C) 7 days (D) 15 days

Q.18. Under payment of wages act, employer can impose fine while fulfilling following conditions except:

- (A) Fine can be recovered in installments
- (B) The amount of fine must not exceed 3% of wages
- (C) Fine cannot be imposed on an employee below 15 years of age
- (D) Before imposing a fine employee should be given an opportunity of showing causes against fine

Q.19. Which of the following facility is contributory:

- (A) Rest rooms (B) First aid (C) Canteens (D) Recreational facilities

security measures:

(A) Pension (B) Gratuity (C) Group Insurance Scheme (D) All of these

Q.21. Principles of Natural justice need not be observed in following case:

- (A) Normal deduction under section 9(2) of payment of wages act
- (B) Minor penalties under rule 16
- (C) Major penalties under rule 14
- (D) Imposition of fine stipulated in payment of wages act

Q.22. Under _____ of Constitution of India, No child below the age of 14 years shall be employed to work in any factory or mine under:

- (A) Article 24 (B) Article 42 (C) Article 43 (D) Article 43 A

Q.23. There shall be a provision of creches in every factory where women workers are:

- (A) 30 or more (B) 50 or more (C) 20 or more (D) 25 or more

Q.24. Maximum period of work not exceeding 6 hours without an interval for rest may be permitted by:

- (A) General Manager (B) DDG / IR (C) Chief Inspector of factories (D) DGOF

Q.25. In case of total disablement, loss of earning capacity is:

- (A) 50 % (B) 75 % (C) 90 % (D) 100 %

Q.26. In which year 'First five year plan' was started ?

- (A) 1950 (B) 1951 (C) 1952 (D) 1955

Q.27. Which of the following state has highest coal reserve ?

- (A) Orissa (B) Chhatisgarh (C) Jharkhand (D) Madhya Pradesh

Q.28. What is full form of REC ?

- (A) Rural Energy Corporation (B) Rural Energy Council (C) Rural Electrification Corporation (D) Rural Economic Council

Q.29. Ozone is situated in which layer of Atmosphere ?

- (A) Troposphere (B) Lithosphere (C) Thermosphere (D) Stratosphere

Q.30. Report of the Sachar Committee is related to:

- (A) Status of scheduled caste in India
- (B) Social, economic and educational status of Muslim community
- (C) Economic status of backward classes in India
- (D) None of these

Q.31. Cryogenic engines are used in:

- (A) Atomic reactors (B) Rockets (C) Defrost refrigerators (D) Testing of super conductivity

Q.32. Threat of 'Global warming' is increasing due to increase in concentration of:

- (A) Nitrogen (B) Ozone (C) Sulphur dioxide (D) Carbon dioxide

Q.33. Air is a?

- (A) Compound (B) Element (C) Electrolyte (D) Mixture

Q.34. Which of the following is not correctly matched ?

- (A) White revolution - Dairy (B) Green revolution - Agriculture (C) Blue revolution - Fishery (D) Red revolution - Wool

Q.35. 'Six Sigma' concept is related to:

- (A) Quality control in manufacturing (B) Printing technology (C) Path of satellites (D) Pollution control

Q.36. 'ELISA' test is employed to diagnose:

- (A) Polio virus (B) AIDS (C) TB (D) Cancer

Q.37. Kaziranga National Park is famous for:

- (A) Rhinoceros (B) Tiger (C) Lion (D) Crocodile

Q.38. A candidate, to become a member of Rajya Sabha, should not be less than:

- (A) 21 years of age (B) 25 years of age (C) 30 years of age (D) 32 years of age

Q.39. One of the following of an individual workman is not deemed to be an industrial dispute:

- (A) Discharge (B) Retrenchment (C) Termination (D) VRS

Q.40. Under Industrial Dispute Act, no person employed in a public utility service shall go on strike in breach of contract:

- (A) Within 14 days of giving notice
(B) Within 20 days of giving notice
(C) Within 30 days of giving notice
(D) Within 45 days of giving notice

Q.41. The human body is made up of several chemical elements; the element present in the highest proportion (65%) in the body is?

- (A) Carbon (B) Hydrogen (C) Oxygen (D) Nitrogen

Q.42. Rainbow is due to?

- (A) Absorption of sunlight in minute water droplets
(B) Diffusion of sunlight through water droplets
(C) Ionisation of water deposits
(D) Refraction and reflection of sunlight by water droplets

Q.43. The input used by an antenna or cable to a TV set uses frequencies called?

- (A) IF (B) RF (C) AF (D) SAP

Q.44. Permanent hardness of water can be removed by adding?

- (A) Chlorine (B) Washing soda (C) Potassium permanganate (D) Bleaching powder

Q.45. The hardest form of carbon is?

- (A) Coke (B) Graphite (C) Diamond (D) Charcoal

Q.46. Larger buildings may be supplied with a medium voltage electricity supply, and will require a substation or mini-sub. What is the main item of equipment contained in these?

- (A) Transformer (B) Transponder (C) Transducer (D) Converter

Q.47. LPG consists of mainly?

- (A) Methane, ethane and hexane
(B) Ethane, hexane and nonane
(C) Methane, hexane and nonane

(D) Methane, butane and propane

Q.48. Oxygen in our blood is transported by a protein named?

(A) Haemoglobin (B) Keratin (C) Collagen (D) Myoglobin

Q.49. What was the active medium used in the first working laser ever constructed?

(A) A diamond block (B) Helium-neon gas (C) A ruby rod (D) Carbon dioxide gas

Q.50. The Eleventh five year plan has been named as:

(A) Towards East and more inclusive growth

(B) Towards infrastructural and agricultural growth

(C) Towards rapid educational and economic growth

(D) None of these

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