

9. The rate at which heart beats per minute in an average adult is :
- (a) 60. (b) 72.
(c) 94. (d) 96.
10. The substance coated on plastic tape recorder tapes is :
- (a) Iron oxide. (b) Zinc oxide.
(c) Iron bromide. (d) Magnesium oxide.
11. The cathode rays consist of :
- (a) rapidly moving negatively charged particles.
(b) rapidly moving positively charged particles.
(c) rapidly moving natural particles.
(d) rapidly moving neutral particles.
12. Two Indian IT companies which have recently joined the \$1b club :
- (a) Infosys & Wipro. (b) TCS & Wipro.
(c) Satyam & TCS. (d) TCS & Infosys.
13. HTML stands for :
- (a) Hyper Text Marketing Language.
(b) Hyper Text Markup Language.
(c) High Transmission Marking Language.
(d) Hyper Tool Markup Language.
14. Floppy Disc is a :
- (a) Primary storage device. (b) Operating device.
(c) Speech recognition system. (d) Secondary storage device.
15. The Chairman of the Central Board of Film Certification (CBFC) :
- (a) Dev Anand. (b) Madhuri Dixit.
(c) Anupam Kher. (d) Hema Malini.
16. In case of electric fire, the fire extinguishing agent used is :
- (a) Water. (b) Acid.
(c) Foam. (d) Carbon tetra chloride
17. National Press Day is :
- (a) November 16. (b) November 26.
(c) November 22. (d) November 12.

18. Chemotherapy deals with :
- (a) Industrial engineering.
 - (b) The use of heat to cure diseases.
 - (c) The study and use of chemicals to cure diseases.
 - (d) The use of chemicals in food industry.
19. India's first 100% computer literate village is :
- (a) Chamravattom village (Kerala).
 - (b) Sasamosa (Bihar).
 - (c) Gurunagar (Punjab).
 - (d) Mikir (Mizoram).
20. Photographic plates are coated with :
- (a) Silver chloride.
 - (b) Silver bromide.
 - (c) Silver Iodide.
 - (d) Silver fluoride.
21. India decided to rename METSAT as KALPANA. It is dedicated for :
- (a) Weather.
 - (b) Missile.
 - (c) Internet.
 - (d) Education.
22. Spot the emotion that does not belong to the group :
- (a) laughter.
 - (b) happiness.
 - (c) rage.
 - (d) pleasure
23. _____ breeds contempt.
- (a) enmity.
 - (b) neighbourhood.
 - (c) relationship.
 - (d) familiarity.
24. You are a responsible citizen. Your country is facing war. What is your foremost duty ?
- (a) To spread rumours.
 - (b) To create friction.
 - (c) To maintain unity.
 - (d) To sit at home for protection.
25. Given the premises :
- A. We should all promise to donate our eyes after death.
 - B. Eye donation can help in prevention of blindness.
- Which of the following is the most logical outcome ?
- (a) We are sure to reach heaven after death.
 - (b) We can feel proud of our sacrifice.
 - (c) All blind can benefit by our eye donation.
 - (d) We can light the life of some blind person even after the light of life has gone from our bodies.

26. A long rope has to be cut to make it 23 small pieces. If it is double folded to start with, how many times does it need to be cut ?
- (a) 9. (b) 23.
(c) 11. (d) 12.
27. MILD is to NKOH as GATE is to :
- (a) HDVQ. (b) HCWI.
(c) IBUF. (d) HDUR.
28. Composer: Song ::
- (a) building : architect. (b) poem : poet.
(c) writer : book. (d) chair : carpenter.
29. Find the odd one out.
- (a) crawl (b) doll.
(c) ball (d) bat.
30. Physician : medicine as _____ : surgery.
- (a) doctor. (b) nurse.
(c) knife. (d) surgeon.
31. What is 30% of 450 ?
- (a) 150. (b) 135.
(c) 180. (d) 1350.
32. A vehicle starts from point A and runs 10 kms towards north, turns to its right and runs 15 kms. It then turns to its right and runs another 10 kms to reach the finishing point at B. After reaching at point B, how far is it from the starting point A ?
- (a) 25 kms. (b) 15 kms.
(c) 10 kms. (d) 35 kms.
33. In the above question, after taking the second turn, in which direction will the vehicle be moving ?
- (a) North. (b) South.
(c) East. (d) West.
34. You have been caught red handed in an office, looking a file marked 'Strictly Confidential'. What will be your most reasonable action in the situation ?
- (a) To admit the crime. (b) To feel sheepish and embarrassed.
(c) To offer a logical alibi. (d) To stand rooted to the ground
35. B is 10 kms Northeast of A and 10 kms South-East of C. How far is C from A ?
- (a) 8 kms. (b) 10 kms.
(c) 12 kms. (d) 10² kms.

36. The brand Ambassador of Fiat Palio is :

- (a) Sachin Tendulkar. (b) Saurav Ganguly.
(c) Shahrukh Khan. (d) Saif Ali Khan.

37. The film "The Day After Tomorrow" is directed by :

- (a) Mel Gibson. (b) Roland Emmerich.
(c) Stephen Spielberg. (d) Jack Hall.

38. The author of "Gone Away" is :

- (a) Dom Moraes. (b) Frank Moraes.
(c) Jude Moraes. (d) Arundathi Roy.

39. Holography is a technique of :

- (a) Recording 3D images. (b) Reproducing 3D images.
(c) Both of the above. (d) None of the above.

40. The primary colours are :

- (a) red, blue, green. (b) green, yellow, blue.
(c) red, yellow, blue. (d) red, green, yellow.

41. How is $1/5$ expressed as a percentage ?

- (a) 0.2 %. (b) 2 %.
(c) 20 %. (d) none of the above.

42. The poisonous substance that is the main constituent of tobacco is :

- (a) Morphine. (b) Aspirin.
(c) Nicotine. (d) Reserpine.

43. World Population Day is :

- (a) July 6. (b) July 11.
(c) June 26. (d) June 20.

44. The second largest employer in public sector is :

- (a) Indian Railways. (b) BSNL.
(c) Coal India Ltd. (d) SAIL.

45. India Unbound was written by :

- (a) Gurucharan Das. (b) Mark Tully.
(c) Khushwant Singh. (d) Shashi Tharoor.

- 46.** Write a short essay in about 200 words on *one* of the following topics :—
- (a) Role of media in Indian Democracy.
 - (b) Television and youth in India.