ALL KERALA BHAVAN'SSCHOLARSHIP EXAMINATION NOVEMBER 2023

Class: VIII
Date: 28.11.2023

Marks:100
Time: 1½ hrs

GENERAL INSTRUCTIONS:

Read the instructions carefully before answering

1. Please fill up your Roll No. and class in the box provided on the OMR sheet.
2. This question booklet contains 50 questions and 5 Tie Breaker questions. All questions including 'Tie Breaker Questions' are mandatory. Tie Breaker questions will be evaluated only in case of a Tie.
3. Each question carries 2 marks.
4. Each question has 4 answer choices a,b,c,d.
5. For each question, select the best/correct option and darken the bubble completely against the corresponding question in the OMR sheet provided.
6. Use a blue/black ball point pen to darken the bubble.
7. Darken only one bubble against each question.
8. There will be no negative marking.

Choose the correct answer from the options given.

1. Choose the correct meaning of the idiom: Let the cat out of the bag
   a. To reveal a secret
   b. to give a false alarm
   c. To compromise with someone
   d. To allow a thief to escape

2. Choose the best option to replace the underlined word: Once she was comfortable with us she opened up, displaying a sharp and inquisitive mind.
   a.aggressive   b.curious   c. questioning   d. reasonable

3. Change into reported speech: He says, "I go for a walk every morning."
   a. He says that he goes for a walk every morning
   b. He said that he used to go for a walk every morning
   c. He said that he goes for a walk every morning
   d. He says that he went for a walk every morning

4. Name the literacy device in the sentence "The darkness wrapped its cold arms around me."
   a. Personification   b. Metaphor   c. Simile   d. Alliteration

5. I will........to my job until May
   a. hold up   b. hold on   c. hold in   d. hold

6. Mozard........... more than 600 pieces of music
   a. writes   b. wrote   c. written   d. was wrote

7. We sold those old computers ———— a loss
   a. at   b. in   c. to   d. for

8. If 10 % of 120 is x and y % of 80 is 8, then the value of x + y is:
   a.22   b. 20   c. 12   d. 2

9. The sum of a number and its additive inverse is m and the product of a number and its multiplicative inverse is n. The value of m × n is:
   a. -1   b. 0   c.1   d. 2

10. For any two non-zero rational numbers x and y, $x^{2n} \div y^{2n}$ is equal to :
    a. $(x-y)^0$ b. $(x \div y)^2$ c. $(x \div y)^{2n}$ d. $(x-y)^{2n}$

BVM ELAMAKKARA

11. The least square number which is exactly divisible by 3, 4, 5, 6 and 8 is :
    a. 120   b. 180   c. 1800   d. 3600

12. Solve (x – 2) (x –3)
    a. $X^2 - 4x + 6$ b. $X^2 + 5x - 6$ c. $X^2 - 5x + 6$ d. $X^2 - 6x + 8$

13. Area of rhombus with diagonals 12 and 6.4 is
    a. 36.4   b. 37.4   c. 38.4   d. 40.8

14. What should be added to -7/3 to get 3/7?
    a. 21/58   b. 58/21   c. 47/21   d. 50/21

15. What do we call a quadrilateral having only pair of opposite sides are parallel?
    a. Square   b. Rectangle   c. Trapezium   d. None of these

16. Which of the following is the cube root of - 64/243
    a. 7/4   b. -4/7   c. 4/7   d. -7/4

17. Which change does not happen in humans at adolescence?
    a. skin is turned oily   b. Gametes starts forming.
    c. change in body shape   d.chromosome number is doubled.

18. A number of forces are acting on an object as shown below. What will be the net force acting on it?

    4N →
    10N→
    ←7N
    ←5N
    ←3N

    a. 2N
    b. 3N
    c. 1N
    d. N
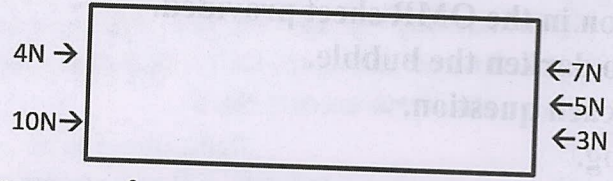
19. In the presence of water, ignition temperature of paper -
    a. decreases   b. increases   c. remain constant   d. None of these

20. An object is vibrating at 50 hertz. What is its time period?
    a. 0.02 s   b. 2 s   c. 0.2 s   d. 20.0 s

21. Why do car racers use slick tyres in dry weather conditions?
    a. to increase fuel efficiency   b. to improve the visual appearance of the car
    c. to reduce the weight of the tyres.   d. to maximize traction and minimize friction.

22. Conventionally the charge acquired by the glass rod when it is rubbed with a silk is considered to be
    a. positive   b. negative   c. neutral   d. none of these.

23. Which of the following reproduce only inside a host cell?
    a. Bacteria   b. Amoeba   c. Virus   d. Fungus

24. Which fibre is used as artificial wool?
    a. Acrylic   b.Rayon   c.Nylon   d.Cotton

25. 2, 4-D is a
    a. pesticide   b. insecticide   c. fungicide   d. weedicide

26. From the given options choose the one that can best tells us about the Gaddis of Kulu.
    a. Shepherds   b. Reared only goats   c. Tribal Chiettains   d. Money lenders

27. Consider the following statements on sustainable development and choose the correct option.
    1. Respect and care for all forms of life
    2. Promote personal attitude towards the environment
    3. Using resources carefully and giving them time to get renewal
    4. Maximise the depletion of natural resources
    a. 1 & 3   b. 3 & 4   c. 1 & 4   d. 2 & 3

28. EVM was first used throughout the country for the first time in:
    a.2000   b. 2004   c. 2006   d. 2008

29. Bakht khan was a soldier from
    a. Meerut   b. Agra   c. Bareilly   d. Delhi
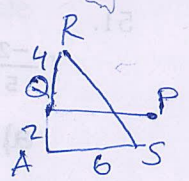
30. What do you call a business enterprise that makes profit primarily through trade, buying goods cheap and selling them at higher process?
   a. Exchange   b. Noncommercial   c. Mercantile   d. Barter
31. Which country didn't allow non-Muslims to build their worship places?
   a. India   b. Saudi Arabia   c. Pakistan   d. None of these
32. What is Zero Hour?
   a. Begins at 2 o'clock   b. Begins at 12 o'clock
   c. Begins at 0 o'clock   d. None of these
33. The parliament of India has how many houses?
   a. 2   b. 6   c. 7   d. 3
34. The removal of persons from land or homes that they are currently living in, is called
   a. violation   b. eviction   c. separation of power   d. judiciary
35. The first communication satellite of India was
   a. Aryabhatta   b. Apple   c. Rohini   d. Sputnik I
36. Island of Pearls is
   a. England   b. Cuba   c. Thailand   d. Bahrain
37. Light Year is the unit of
   a. Time   b. Velocity   c. Astronomical distance   d. Light
38. Jananpith award is for
   a. Acting   b. Music   c. Literary work   d. Games
39. Which type of rocket is used in Chandrayaaan – 3
   a. LVM4 Rocket   b. LVM3 Rocket   c. PSLV Rocket   d. None of these
40. There are six persons A, B, C, D, E and F. C is the sister of F. B is the brother of E's husband. D is the father of A and grandfather of F. There are two fathers, three brothers and a mother in the group. Who is the mother?
   a. A   b. B   c. E   d. D
41. IQ Count the minimum number of straight lines required to make the below figure.
   a. 19
   b. 13
   c. 17
   d. 15
42. Punit started walking towards west from point P and after walking 6 metres, he reached point Q from where he turned left and walked 2 metres ahead to reach point A. What is the shortest distance between point R and S if it is given that point R is 4 metres to the north of point Q
   a. 3 meters   b. 5 meters   c. 6 meters   d. 4meters
43. In a queue, Sohan's number is 18th from the right side and 34th from the left side. How many children are there in queue?
   a. 53   b. 51   c. 52   d. 54
44. CLOCK is 42145, LEAN is 2068, CARE is 4690, and then NECKLACE is
   a. 80546240   b. 6054842   c. 80452640   d. 508426
45. Read the following info carefully to answer the questions that follows :
   I. 'P + Q' means P is the father of Q   II. 'P - Q' means P is the mother of Q
   III. P ×Q' means P is the brother of Q   IV.'P ÷ Q' means P is the sister of Q
   Which of the following means 'H' is paternal grandfather of T?
   a. H+J+T   b.T×J+H   c. H+J×T   d. H-J+T
46. Many business offices are located in buildings having 2-8 floors. If a building has more than 3 floors, it has a lift. If the above statements are true, which of the following must be true?
   a.2nd floors do not have lifts   b.7th floors have lifts
   c.Only floors above the 3rd floors have lifts   d. All floors may be reached by lifts
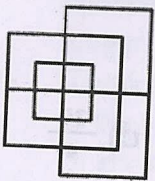
In the 3 questions below, a statement is given followed by two assumptions numbered I and II. An assumption is something supposed or taken for granted. You have to consider the statement and the assumptions and decide which of the assumption(s) is/are implicit in the statement :

47. **Statement** – Unemployed allowance should be given to all unemployed Indian youths above 18 years of age.

    Assumptions

    I .There are unemployed youths in India who need monetary support.

    II. The Government has sufficient funds to provide allowance to all the unemployed youth.

    a.Only Assumption I is implicit   b.Only Assumption II is implicit

    c.Assumption I and II is implicit   d.Neither I nor II is implicit.

48. **Statement** – All buses are trains. Some trains are chairs.

    Assumptions

    I Some buses are chairs   II Some chairs are buses

    III Some chairs are trains   IV Some trains are buses

    a. None is implicit   b. Only I and II is implicit

    c. Only II and III is implicit   d. Only III and IV is implicit

49. **Statement**– Some kings are queens. All queens are beautiful

    Assumptions – I All kings are beautiful

                      II All queens are kings

    a. Only I is implicit   b. Neither I nor II is implicit

    c. Either I or II is implicit   d. Only II is implicit

50. You are in the parking area of a shopping complex. And, suddenly the electricity fails and there is total darkness. You will

    a. Try to take help from someone around   b. Crawl towards your vehicle

    c. Shout for help   d. Wait till the light come.

★   ★   ★   ★   ★

Tie Breaker

51. $\left(\frac{-2}{5}\right)^7 \div \left(\frac{-2}{5}\right)^5$ is equal to ....

    a) $\frac{4}{25}$ b) $\frac{-4}{25}$ c) $\left(\frac{-2}{5}\right)^{12}$ d) $\frac{25}{4}$

52. Aquatic animals in which fertilization occurs in water are said to be:

    a. Viviparous without fertilization   b. Viviparous with fertilization

    c. Viviparous with internal fertilization   d. Oviparous with external fertilization

53. The highest Civilian Honour in India is

    a. Padma Bhooshan   b. PadmaVibhooshan

    c. Bharat Ratna   d. Keerthi Chakra

54. To catch a tartar means

    a. to trap wanted criminal with great difficulty

    b. to catch a dangerous person

    c. to meet with disaster

    d. to deal with a person who is more than one's match

55. Rubber plantation is famous in

    a. Sri Lankha   b. Brazil   c. Malaysia   d. USA

★   ★   ★   ★   ★