

**ALL KERALA BHAVAN'S SCHOLARSHIP EXAMINATION 2017-2018****Class :IX****Duration:1 ½ Hrs****Max Marks: 100****GENERAL INSTRUCTIONS****READ THE INSTRUCTIONS CAREFULLY BEFORE ANSWERING THE QUESTIONS**

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

1. Find one word for the following.  
 A person who has risen suddenly in rank or importance, especially one who behaves arrogantly.
 

a. upstart	b. spendthrift
c. hypocrite	d. epicure
2. Find the correctly spelt word.
 

a. contageous	b. acommodation
c. ingenious	d. amateur
3. Find the antonym of the word given in italics .  
 But he was an extremely *timid* man and all he did was to stay by her side and prevent her from going out
 

a. intelligent	b. furious
c. bold	d. volatile
4. Fill in using phrasal verbs.  
 The burgler..... before the police arrived.
 

a. made out	b. made up
c. made off	d. made for
5. Choose the most appropriate word from the options provided.  
 I bought ..... bread, but I didn't buy any butter.
 

a. many	b. some
c. much	d. little
6. Identify the poetic device in the given lines.  
 I speak of love that comes to mind:  
 The moon is faithful, although blind;
 

a. simile	b. personification
c. metaphor	d. alliteration
7. Fill in using the correct tense form.  
 A woman came in with a baby who she said ,..... a safety pin
 

a. was just swallowed	b. swallowed
c. had just swallowed	d. just swallowed
8.  $(0.001)^{1/3}$  is equal to
 

a. 0.1	b. 0.001
c. 0.01	d. 0.0001
9. If  $\frac{a}{b} + \frac{b}{a} = 1$  ( $a \neq 0, b \neq 0$ ) then  $a^3 + b^3$  is equal to
 

a. $\frac{1}{2}$	b. -1
c. 0	d. 1
10. The point of the form  $(p, -p)$  lies on the line
 

a. $y=x$	b. $x+y=0$
c. $y=-p$	d. $x=p$

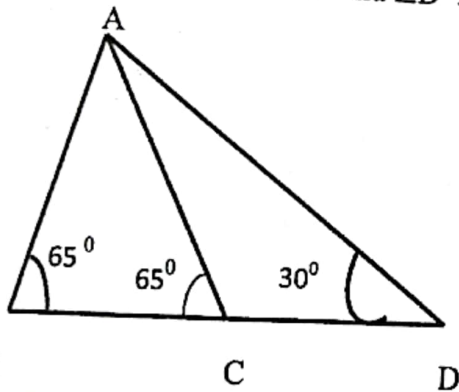
11. The length of each side of an equilateral triangle of area  $18\sqrt{3}\text{cm}^2$  is
- a.  $6\sqrt{2}$  cm
  - b. 8 cm
  - c.  $8\sqrt{2}$  cm
  - d. 12 cm

12. If the perpendicular distance of a point 'p' from the x-axis is 5 units and the foot of the perpendicular lies on the negative direction of the x-axis, then the point p can have
- a. x-coordinate = -5 and also 5
  - b. y-coordinate = -5 only
  - c. x-coordinate = -5 only
  - d. y-coordinate = -5 and also 5

13. Gaurav, Puneet, Seema and Rashmi played a game with a die .They said:  
 Gaurav: I will get 2.  
 Puneet: I will get a number 2 or less than 2.  
 Seema: I will get a number greater than 3. Rashmi: I will get a multiple of 4.  
 Probability of wining is more for
- a. Gaurav
  - b. Puneet
  - c. Seema
  - d. Rashmi

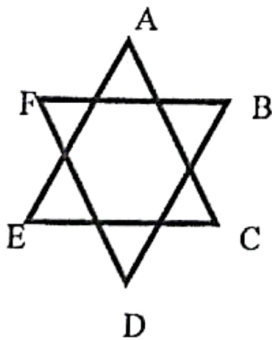
14. The quadrilateral formed by joining the mid-points of the sides of a rhombus taken in order is a
- a. Rectangle
  - b. Square
  - c. Trapezium
  - d. Kite

15. In the figure,if  $\angle B = \angle C = 65^\circ$  and  $\angle D = 30^\circ$ , then the correct statement is



- a.  $BC = CA > CD$
- b.  $BC < CA > CD$
- c.  $BC > CA = CD$
- d.  $BC < CA < CD$

16. In the figure if  $\angle A + \angle B + \angle C + \angle D + \angle E + \angle F = k$  right angles, then k is:



- a. 2
- b. 3
- c. 4
- d. 5

17. When a body falls freely towards the earth, then its total energy?  
 a. Increases  
 b. Decreases  
 c. Remains constant  
 d. first increases and then decreases
18. A ball is moving in a circle at fixed speed. Which of the following statement is true?  
 a. There is no acceleration  
 b. There must be only one force acting on it  
 c. Acceleration is present but has constant magnitude  
 d. Acceleration is present and acts tangential to the circle
19. A thief stole a box with valuable article of weight 'W' and jumped down a wall of height h. Before he reaches the ground, he experienced a load of  
 a. Zero  
 b.  $W/2$   
 c. W  
 d. 2W
20. Which of the following represents the correct formula of Magnesium bicarbonate?  
 a.  $Mg_2HCO_3$   
 b.  $Mg(HCO_3)_2$   
 c.  $MgHCO_3$   
 d.  $MgCO_3$
21. Which one of following set of phenomena would increase on raising the temperature?  
 a. Diffusion, evaporation, compression of gases  
 b. Evaporation, compression of gases, solubility  
 c. Evaporation, diffusion, expansion of gases  
 d. Evaporation, solubility, diffusion, compression of gases
22. When Iron sulphide reacts with dilute sulphuric acid, the gas liberated is  
 a. Hydrogen  
 b. Carbon dioxide  
 c. Sulphur dioxide  
 d. Hydrogen sulphide
23. Which is known as osmoregulatory organelle  
 a. Golgibodies  
 b. Ribosomes  
 c. Vacuole  
 d. Mitochondria
24. Choose the wall thickening material present in cork cells.  
 a. Cutin  
 b. Lignin  
 c. Suberin  
 d. Cellulose
25. Name the epithelium present in kidney tubules  
 a. Glandular epithelium  
 b. Cuboidal epithelium  
 c. Columnar epithelium  
 d. Squamous epithelium
26. Which is the National anthem of France?  
 a. Roget D Lsle  
 b. Mirabeau  
 c. Olympe de Gorges  
 d. Marseillaise
27. Robert Owen, a leading English manufacturer bought to built a cooperative society called  
 a. New harmony in Indiana  
 b. Social democratic party  
 c. Bloody Sunday  
 d. Catholicism



28. India's only active volcano is situated at  
 A. Lakshadweep  
 C. Malwa plateau  
 B. Andaman&Nicobar  
 D. Chota nagpur plateau
29. Which of the following river is known as "Dakshin Ganga"?  
 a. Kaveri  
 c. Krishna  
 b. Narmada  
 d. Godawari
30. Disguised unemployment would be traced at  
 a. Mining sector  
 c. Agriculture  
 b. Service  
 d. Transport
31. Which of the following term is used to measure the output in a given piece of land during a single year?  
 a. Production  
 c. Yield  
 b. Output  
 d. Cultivation
32. Which of the following factors did not contribute to the formation of Constitution of India?  
 a. Bills of rights of the US  
 c. The Government of India act,1904  
 b. The Socialist Revolution  
 d. French Revolution
33. Who issued the Legal framework order, 2002 in Pakistan?  
 a. ZANU PF  
 c. Gen.Pervez Musharaff  
 b. Robert mugabe  
 d. Napoleon
34. Which Indian city has been declared as a world Heritage city?  
 a. Jaipur  
 c. Ahmedabad  
 b. Gurugram  
 d. Amritsar
35. Who is the world's first free e-mail service provider?  
 a. Yahoo  
 c. Hotmail  
 b. Rediff.com  
 d. Microsoft & Mailing service
36. Etiology is  
 a. Prevention of diseases  
 c. Transmission of diseases  
 b. Cause of diseases  
 d. Treatment of diseases
37. Ozone day is observed on  
 A. September 15  
 C. September 16  
 B. September 18  
 D. September 17
38. Name the first Indian to win an Oscar award.  
 a. A.R.Rahman  
 c. DilipKumar  
 b. Bhanu Athaiya  
 d. Rosul Pookutty
39. 18 Carat gold contains  
 a. 18% gold  
 c. 75% gold  
 b. 24% gold  
 d. 60% gold

40. Which longitude determines the Indian Standard Time?  
 a. 82.5 degree East  
 b. 82.5 degree West  
 c. 82.5 degree South  
 d. 82.5 degree North
41. Who is associated with the term "Frontier Gandhi"?  
 a. Lala Lajpat Rai  
 b. M K Gandhi  
 c. Khan Abdul Ghaffar Khan  
 d. Abdul Wali Khan
42. The 31<sup>st</sup> Olympic games was held in  
 a. Brazil  
 b. Tokyo  
 c. Argentina  
 d. China
43. The book "Wind in the willows" is written by  
 a. Jack London  
 b. George Orwell  
 c. Kennethe Grahame  
 d. Herman Melville
44. Find the odd man out.  
 a. Chief Minister  
 b. Prime Minister  
 c. President  
 d. Chief Justice
45. Import: Export:: ? : Expenditure  
 a. Debt  
 b. Revenue  
 c. Deficit  
 d. Taxes
46. AUJ, DVW, GWU, JXS ?  
 a. MYT  
 b. NVQ  
 c. MYQ  
 d. LYQ
47. In a code language "TIGER" is written as "RIGET". How "CROWN" is written in the same code?  
 a. NOWRC  
 b. NROWC  
 c. NRWCO  
 d. NOWCR
48. If  $1=1, 2=4, 3=7, 4=10$  then  $5=?$   
 a. 13  
 b. 11  
 c. 15  
 d. 7
49. X was born on 3<sup>rd</sup> March 1890, Y was born 4 days before X, The republic day of that year fell on Saturday then which day was Y's birthday  
 a. Wednesday  
 b. Friday  
 c. Thursday  
 d. Monday
50. If the following words are arranged in a dictionary order, what would be the fifth letter of the last word?  
 Internal, Illustration, Integrity, Inmate  
 a. s  
 b. r  
 c. t  
 d. g

TIE BREAKER QUESTIONS

1. Fill in using the correct pair of words:

The coach was dismayed to find that his team was unable to get past its \_\_\_\_\_ start; rather than being \_\_\_\_\_ in the second half, the team remained lethargic throughout.

- a. unmethodical... enumerated                      b. slow ... enervated  
c. haphazard ... enraged                              d. sluggish ... energized

2. In triangles ABC and PQR,  $AB=AC$ ,  $\angle A=\angle P$  and  $\angle B=\angle Q$ . The two triangles are

- a. isosceles but not congruent                      b. isosceles and congruent  
c. congruent but not isosceles                      d. neither congruent nor isosceles

3. Two objects of masses 1 Kg and 3 Kg have equal momentum. What is the ratio of their kinetic energies?

- a. 3:1    b. 9:1  
c. 1:1    d. 1:2

4. The National Assembly of France voted in April 1792, to declare war against

- a. Britain and Germany                              b. Prussia and Austria  
c. Italy and Germany                                  d. Russia and Prussia

5. 'This film about the Latin American revolutionary plays fast and loose with the facts. Find the meaning of the idiomatic expression used.

- a. to be narrow minded                              b. to play a good game  
c. to act in an unreliable manner                      d. to defeat a person

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