

ALL KERALA BHAVAN'S SCHOLARSHIP EXAMINATION 2016-2017

BS0016

CLASS : VIII

Duration : 90 min

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 point pen to darken the bubble.
7. Darken only one bubble against each question.
8. There will be no negative marking.

1. The Commander-in-chief of Indian Armed Force is \_\_\_\_\_.
- a) Army General (b) Prime Minister (c) President (d) Governor
2. "The life tree" is a collection of poems written by \_\_\_\_\_.
- a) Gandhiji (b) APJ Abdul Kalam (c) Nehru (d) Tagore
3. Who is the present US Secretary General?
- a) Banki Moon (b) Koffi Annan (c) Boutros Boutros-Ghali (d) U Thant
4. Mother Teresa was born in \_\_\_\_\_.
- a) Switzerland (b) India (c) Albania (d) Germany
5. How do birds breathe?
- a) Through nose (b) Through bones (c) Through skin (d) None of the above
6. The smallest Pythagorean triplet consisting of three consecutive natural numbers are \_\_\_\_\_
- a) 1,2,3 (b) 2,3,4 (c) 3,4,5 (d) 4,5,6
7. Cathode rays are streams of \_\_\_\_\_.
- a) Protons (b) Positron (c) Photons (d) Electrons
8. Which of the following is the hardest metal?
- a) Gold (b) Iron (c) Platinum (d) Tungsten
9. The function of hemoglobin is \_\_\_\_\_.
- a) Destruction of bacteria (b) Transport of oxygen  
c) Prevention of anaemia (d) Utilisation of energy
10. The teacher \_\_\_\_\_ the names of the prize winners.
- a) Called at (b) Called out (c) Called in (d) Called on
11. I prefer classical dance \_\_\_\_\_ folk dance.
- a) to (b) than (c) at (d) for
12. Suresh said "Anuj is very successful". Change into passive voice.
- a) is (b) were (c) was (d) has been
13. You will be given a permanent job \_\_\_\_\_ your work is satisfactory.
- a) if (b) unless (c) but (d) yet
14. A small table was lying \_\_\_\_\_ the two chairs.
- a) among (b) in (c) between (d) over

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5. Give the synonym of the word "Stubborn".

- a) Still
- (b). Chide
- (c) Pardon
- (d) Obstinate

6. Give the antonym of the word "Virtue".

- a) proud
- (b) vice
- (c) friendship
- (d) mild

7. The object to be electroplated is made \_\_\_\_\_

- a) Cathode
- (b) anode
- (c) electrolyte
- (d) aqueous solution

8. This part of the ear is where vibrations are transformed into electrical impulses.

- a) Outer ear
- (b) middle ear
- (c) inner ear
- (d) ear drum

9. In which year was "Project Tiger" launched.

- a) 1<sup>st</sup> April, 1973
- (b) 2<sup>nd</sup> May, 1973
- (c) 1<sup>st</sup> Oct, 1974
- (d) 2<sup>nd</sup> August, 1974

10. Carrier of Malaria causing protozoan.

- a) Cockroach
- (b) Butterfly
- (c) House fly
- (d) Female Anopheles mosquito

11. Organelle without cell membrane is \_\_\_\_\_

- a) Golgi apparatus
- (b) Vacuole
- (c) Ribosome
- (d) Mitochondria

12. Some metals react with acids to produce gas.

- a) Oxygen
- (b) Nitrogen
- (c) Hydrogen
- (d) Sulphur

13. Fire proof plastic used in uniform of firemen is \_\_\_\_\_

- a) Teflon
- (b) Melamine
- (c) Bakelite
- (d) All

14. A petro-product used in dry cleaning.

- a) Petrol
- (b) Diesel
- (c) Fuel oil
- (d) kerosene

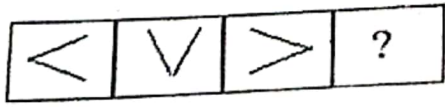
15. When one object moves over the surface of another object,

- a) Surface of only lower object exerts frictional force on the upper object.
- b) Surface of only upper object exerts frictional force on the lower object
- c) Surfaces of both the objects exert force on each other.
- d) Surfaces of both the objects exert force in the direction opposite to each other.

16. The type of resources on the basis of stock are

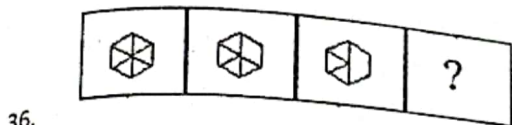
- a) ubiquitous and localized
- b) actual and potential
- c) renewable and non renewable
- d) biotic and abiotic


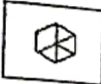
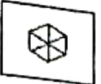

27. The first Governor General of India was \_\_\_\_\_  
a) Lord Dalhousie (b) Lord Mount Batten (c) Warren Hastings (d) Lord William Bentick
28. The most important aspect of secularism is its \_\_\_\_\_  
a) Separation of religion from state power  
b) Separation of politics from religion  
c) Separation of one community from another  
d) Mixing of religion with state power
29. Which continent is the leading producer of iron in the world?  
a) North America (b) Asia (c) Europe (d) Australia
30. The first major victory that the East India Company won in India was \_\_\_\_\_  
a) Battle of Buxar (b) Battle of Plassey (c) Battle of Seringapattam (d) Anglo Maratha war
31. Which type of farming is also called 'slash and burn' agriculture?  
a) Subsistence farming (b) shifting cultivation (c) plantation (d) mixed farming
32. The supreme court was established on  
a) 26 January 1930 (b) 26 January 1947 (c) 26 January 1950 (d) 26 January 1970
33. Mangal Pandey, a young soldier was hanged for \_\_\_\_\_  
a) Killing an Englishman (b) attacking his offices in Barrackpore  
(c) telling lies (d) attacking English factories
34. What is breeding of fish known as?  
a) pisciculture (b) viticulture (c) horticulture (d) sericulture
- 35.

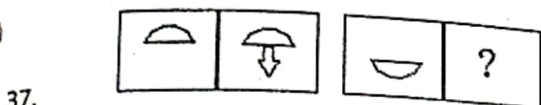


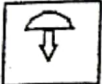
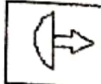
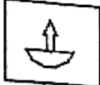

- a) (b) (c) (d)

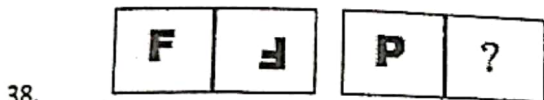


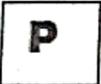





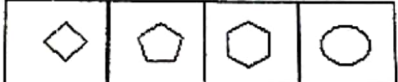
- a)  (b)  (c)  (d) 

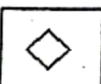

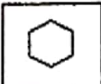



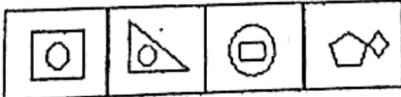
- a)  (b)  (c)  (d) 

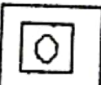


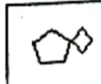


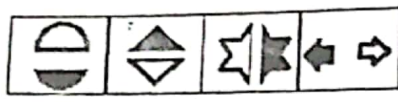
- a)  (b)  (c)  (d) 

39. Find the odd one in the  series.

- a)  (b)  (c)  (d) 

40. Find the odd one in the series. 

- a)  (b)  (c)  (d) 



41. Find the odd one in the series.

- a)
- (b)
- (c)
- (d)

42.  $(\frac{3}{8})^{-5} \times (\frac{16}{21})^{-5} = (\frac{2}{7})^x$ , find  $x^3$ .

- (a) 5
- (b) -5
- (c) 125
- (d) -125

43. If  $\sqrt{15625} = 125$  then,

$\sqrt{15625} + \sqrt{156.25} + \sqrt{1.5625} = \underline{\hspace{2cm}}$

- (a) 1.3875
- (b) 13.785
- (c) 133.75
- (d) 156.25

44.  $x^2 + \frac{1}{x^2} = 27$ , find  $x - \frac{1}{x}$

- (a) 25
- (b)  $\sqrt{25}$
- (c) 29
- (d) 57

45. If the height of a triangle is decreased by 40% and its base is increased by 40%. What will be the percent change in its area?

- (a) 16% decrease
- (b) 16% increase
- (c) 20% decrease
- (d) 20% increase

46. What is the area of a rectangle with length  $3^3 m$  and width  $9^{-2} m$ ?

- (a)  $\frac{1}{9} m$
- (b)  $3m$
- (c)  $\frac{1}{3} m$
- (d)  $\frac{1}{27} m$

47. If the amount is  $2\frac{1}{4}$  times the sum after 2 years at compound interest, the rate of interest per annum is

- (a) 25%
- (b) 30%
- (c) 40%
- (d) 50%

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48. The binomial  $(x - 3)$  is not a factor of which of the following trinomials?  
(a)  $2x^2 - x - 15$  (b)  $3x^2 - 13x + 12$  (c)  $2x^2 - 8x + 6$  (d)  $2x^2 - 7x - 3$
49. The marked price of an article is 20% above the cost price. A discount of 10% is allowed to a customer. The profit percent is \_\_\_\_\_.  
(a) 10% (b) 8% (c) 9% (d) 15%
50. 39 persons can repair a road in 12 days, working 5 hours a day. In how many days will 30 persons working 6 hours a day, complete the work?  
(a) 15 (b) 12 (c) 13 (d) 10

TIE BREAKERS

1. The only post office of India situated outside the country is at \_\_\_\_\_.  
A) Antarctica B) America C) UAE D) England
2. The almirah was so heavy that it could be \_\_\_\_\_ with great difficulty.  
A) bore B) bear C) born D) borne
3. When we press the bulb of a dropper with its nozzle kept in water, air in the dropper is seen to escape in the form of bubbles. Once we release the pressure on the bulb, water rises up in the dropper. The rise of water in the dropper is due to \_\_\_\_\_.  
a) Pressure of water (b) Gravity  
(c) shape of rubber bulb (d) atmospheric pressure
4. The total membership of the Rajya Sabha is  
a) 545 (b) 543 (c) 245 (d) 212
5. How many triangles are there in the figure?  
a. 6 b. 7 c. 8 d. 9
6. Nine persons went to a hotel for taking their meals. Eight of them spend ₹12 each over their meals and the ninth one spend ₹8 more than the average expenditure of all the nine. What was the total money spend by them?  
(a) ₹117 (b) ₹ 100 (c) ₹120 (d) ₹115

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