



ASSOCIATION OF SCHOOLS
FOR THE INDIAN SCHOOL CERTIFICATE
SCHOLARSHIP EXAMINATION - 2017
STANDARD VIII

Date of Examination: 31/12/2017

Starting Time: 10 am

Register No: KED26-6231

School Code: E026

Name in Block Letters: P. IN. RACHA

Signature of the Supervising Examiner:



Time: 1 ½ hr

Max. Marks: 100

Read the following instructions carefully

You will not be allowed to write during the first 15 minutes. This time is to be spent in reading the question paper. The time given at the head of this paper is the time allowed for writing the answers.

All answers must be written in the space provided along with each question. Your work should be neat and no over writing is allowed. This question paper consists of four sections. All sections are to be answered. This booklet consists of 16 printed pages.

SECTION A

(25 marks)

1. Complete the phrases given below:- (½X2=1)
 - a) a of dolphins.
 - b) a of grass.
2. Fill in the blanks with the opposites of the underlined words:- (½X2=1)
 - a) It is safe to keep ornaments in a bank but to keep them in the house.
 - b) John is a careful driver. He is not
3. Fill in the blanks with suitable forms of the adjectives given in brackets: (½X2=1)
 - a) Can you walk a bit? (fast)
 - b) It is to go by bus than by auto (cheap).

(PTO)

4. Complete the following sentences:-

(2×1=2)

- a) She is not only beautiful
- b) You can see the objects, but

5. Choose the correct word to fill in the blanks.

(½×2=1)

(Facilitate/Felicitate)

- a) Science experiments our understanding of theories.
- b) We had a function in the school to Mr. Rajput for getting the Best Teacher Award.

6. Complete the Reported Speech:-

(2)

- a) The man said, "Let me talk to my daughter".

The man talk to..... daughter.

- b) I said to the tourist, "The Indian Summer is usually very hot".

I the Indian Summer usually very hot.

7. Fill in the blanks with prepositions:-

(½×4=2)

- a) The boy's head could be seen the water.

- b) The dog hid the bushes.

- c) There is a huge crowd the shop.

- d) The books are lying the shelf.

8. Complete the sentences choosing the correct words from the brackets:-

(½×2=1)

- a) The king died without any (issue/issues)

- b) She gave us a lot of (information/informations)

9. Join these sentences using the conjunctions given in the brackets:- (2×1=2)

- a) We will accept your application. You should fulfil all the conditions (provided)

.....

- b) Even your Principal may recommend your case. You will not get this award (even if)
-

10. Match the phrasal verbs with their appropriate meanings:- (½X4=2)

- A**
- a) give in
 - b) pull through
 - c) take after
 - d) break out

- B**
- i) start suddenly
 - ii) yield
 - iii) recover
 - iv) resemble

- A**
- a) give in
 - b) pull through
 - c) take after
 - d) break out

- B**
- i)
 - ii)
 - iii)
 - iv)

11. Complete the following Sentences:- (1)

- a) Civic authorities will have demolished these houses by the end of the month.
 These houses by the end of month.

12. Fill in the blanks with the correct form of the words given in the brackets:- (½X2=1)

- a) Her was a figment of her
 (marry, imagine)

13. Rewrite the following sentences according to the instructions given in the brackets:- (3X1=3)

- a) Be sincere or nobody will trust you (Begin, if.....)

- b) Jack is not so strong as Mike (Use stronger)

- c) Who will not like to pass the test? (Change into assertive sentences)

14. Read the following passage and answer the questions that follow:

The plight of certain under developed countries like Bangladesh, India as well as many in Africa is something that we are all aware of. The children have barely enough food to eat, let alone the fancy clothes, toys and other things that children of more developed countries are lucky enough to have. Instead of going to school to gain a good education, children in underdeveloped countries set out to work from as young as four or five years old. By the age of twelve, most of them are given the responsibilities of looking after and supporting their parents who are often weak from hunger and ill health.

Deprived of any form of education from such a young age, these underprivileged children are forced to take up illegal odd jobs which often have hazardous and unsuitable working conditions. Since it is illegal for young children to work, the corporations or factories that do hire these children hide them away from the main working areas. The children are thus trapped for long stretches of time in dark and dirty rooms. The problem of child exploitation is one which is difficult to resolve but it can be done by a sincere government willing to help the poor and members of the public playing their part to help.

- a) Pick out the synonyms of the following from the passage. (2X1=2)
- i) Unfair treatment
 - ii) Dangerous
- b) Write the antonyms for the given words: (½X2=1)
- i) Willing
 - ii) Illegal
- c) Form abstract nouns:- (2X1=2)
- i) Sincere
 - ii) aware

SECTION B

(30 marks)

Choose the Correct option

1. In a, the focal length of the eyepiece is greater than that of objective.

(i) Telescope

(ii) Microscope

(iii) Camera

2. $i + e = \dots + d$. This is always true for the refraction of light by a prism.
(i) Angle of refraction (ii) Angle of reflection (c) Angle of the Prism
3. Which among the following is true, when light travels from one medium to another
(a) it bends only if it is incident at an angle to the normal.
(b) it bends away from the normal while travelling from a denser medium to a rarer medium.
(c) it retraces its path, while moving in the reverse direction
(i) a, b, c, are true (ii) only c is true (iii) only 'a' and 'b' are true
4. If the refractive index of diamond is 2.42. Find the speed of light in diamond.
(i) 1.24×10^8 m/s (ii) 1.24×10^8 cm/s (iii) 1.24×10^{10} m/s
5. Land breeze occurs
(i) at night (ii) during the day time (iii) both at night and day time
6. Find the mass of a glass bowl of specific heat capacity $600 \text{ J/Kg}^\circ\text{C}$, if its temperature rises by 20°C when it absorbs 1200 J of heat.
(i) 100g (ii) 10g (iii) 0.1g
7. If the current appears to flow anti clockwise at the end of a solenoid, that end will be
(i) North Pole (ii) South Pole
(iii) Pole has nothing to do with direction of current

8. is called the mechanical equivalent of heat
(i) 4.2 joules per calorie (ii) 4.2 kilo Joules per calorie
(iii) 4.2 joules per kilocalorie
9. The word 'alternating' in AC is used because the current is
(i) is a alternative to DC (ii) alternates between high and low values.
(iii) Keeps reversing it's direction
10. The focal length of a lens is 40 cm. It's power is
(i) 2.5 D (ii) .025 D (iii) 0.25 D
11. A non - electrolyte is:
(i) Ammonium hydroxide solution (ii) Sugar solution (iii) dilute nitric acid
12. The metal which does not react with water or dil H_2SO_4 but reacts with concentrated H_2SO_4 is:-
(i) Al (b) (ii) Cu (iii) Zn
13. Which of the following is an amorphous form of carbon?
(i) diamond (ii) graphite (iii) Charcoal
14. Which of the following reaction does not takeplace?
(i) $FeSO_4 + Cu \rightarrow CuSO_4 + Fe$
(ii) $Zn + 2 HCl \rightarrow ZnCl_2 + H_2$
(iii) $ZnSO_4 + Mg \rightarrow MgSO_4 + Zn$

15. Ore of aluminium:-

(i) Haematite

(ii) Bauxite

(iii) Magnetite

16. An atom has a mass number of 23 and atomic number 11. The number of neutrons are:

(i) 12

(ii) 23

(iii) 11

17. The colour of the precipitate formed when iron (III) chloride reacts with ammonium hydroxide solution:-

(i) dirty green

(ii) reddish brown

(iii) Pale blue

18. To increase the p^H value of a neutral solution, we should add:

(i) an acid

(ii) an acid salt

(iii) an alkali

19. Which of the following is the formula of the bicarbonate ion?

(i) HCO_3^-

(ii) $H_2CO_3^-$

(iii) HCO_3

20. A chemical reaction which gains electrons is

(i) oxidation reaction

(ii) redox reaction

(iii) reduction reaction

21. The father of green revolution in India.

(a) Dr. M.S. Swaminathan

(b) Dr. V. Kurien

(c) Louis Pasteur

22. Which of the following is an exotic breed of Poultry.

- (a) Aseel (b) White leghorn (c) HH260

23. Hypogeal germination occurs in

- (a) Pea (b) Corolla (c) Castor

24. The outermost whorl of a complete flower

- (a) Calyx (b) Corolla (c) Androecium

25. The Scientist who discovered circulation of blood

- (a) William Harold (b) William Harvey (c) Karl Landsteiner

26. World AIDS day is celebrated on

- (a) December 1 (b) June 5 (c) March 22

27. The enzyme present in tears

- (a) Lysozyme (b) Lysosome (c) Amylase

28. A heterocrine gland.

- (a) Thyroid gland (b) Pancreas (c) Pituitary gland

29. The most photosensitive area in retina

(a) Blind spot

(b) Yellow spot

(c) Aqueous humour

30. The mosquito that spreads Malaria.

(a) Aedes

(b) Anopheles

(c) Culex

SECTION C

(25 marks)

Choose the Correct answer from the bracket

1. What fraction is $6\frac{1}{8}$ of $15\frac{3}{4}$

$\left(\frac{7}{18}, \frac{18}{7}, \frac{7}{9}\right)$

2. Which number is divisible by 11

(110111, 357269, 517633)

3. If $a+b+c = 10$ and $a^2+b^2+c^2 = 38$ find $ab+bc+ca$

(31, 62, 138)

4. The value of $\frac{1}{5} + \frac{1}{5}$ of $\frac{1}{5}$
 $(1, \frac{1}{25}, 25)$ $\frac{1}{5}$ of $\frac{1}{5} + \frac{1}{5}$

5. The least perfect square number which is divisible by 3, 4, 5, 6, 8 is
(900, 1600, 3600)

6. 6 men can do a piece of work in $5x + 6$ days and 11 men can do the same work
days. Then the value of x is $(12, \frac{-66}{37}, 10)$

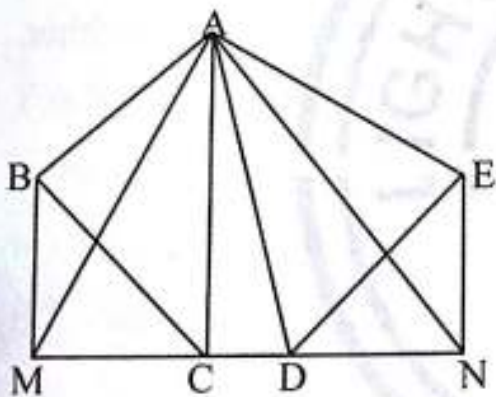
7. The value of x , if $4^{2x+1} = 8^{x+3}$ is
 $(1, \frac{2}{3}, 7)$

8. How many 9's are there between 1 and 100?
(10, 15, 20)

9. The simplified form of $5\sqrt{80} - 3\sqrt{45} + 4\sqrt{125} - 2\sqrt{500}$ is
(0, $11\sqrt{5}$, $9\sqrt{5}$)

10. Two adjacent angles of a triangle are in the ratio 5:4, then the measure of each angle is
(110 & 70; 120 & 60, 100 & 80)

11. How many triangles are there in the given figure?



(10, 15, 20)

Work out

(14

12. Find the length of the longest rod that can be placed in a room 16m long, 12
broad and $10\frac{2}{3}$ high.

13. Simple interest on a certain sum is $\frac{4}{9}$ of the sum. Find the rate percent and the time if both are numerically equal.

14. A person is paid Rs. 120 for each day he works and is fined Rs. 20 for each day remains absent. If in 30 days, he earned Rs. 3000, find for how many days did work.

15. In a class of 50 boys, 35 like horror movies 30 like war movies and 5 like neither. Find the number of those that like both.

16. By selling 33m of cloth, one gains the S.P. of 11m. Find the gain %.

17. Find two consecutive odd numbers such that two-fifths of the smaller exceeds two-ninths of the larger by 4.

- ime, 18. The traffic lights at three different road crossings change after every 72 sec, 108 sec and 180 sec respectively. If they all change simultaneously at 7:48:40 hours, then at what time will they again change simultaneously.

SECTION C

(20 marks)

Choose the Correct answer from the bracket

1. 'Prabudha Bharath' was a paper published in English by
(a) B.R. Ambedkar (b) Swami Vivekananda (c) Subash Chandra Bose
2. PSLV C-37 carries two Indian Satellites along with other 101 international Satellites in a single flight. What were the names of the two Indian Satellites?
(a) Cartosat 2 and Cartosat 3 (b) INS 1A and INS 1B
(c) Cartosat 3 and INS 1B
3. Speed of the modem is measured in
(a) Bytes per minute (b) Bytes per Second (c) Bits Per Second
4. Who is the author of the book 'My country My Life'?
(a) Indira Gandhi (b) Rajagopalachari (c) Lal Krishna Advani

Services Commissions?

- (a) President of India (b) Governor of the Concerned State
(c) Chief Justice of India

6. Programs stored in ROM are called

- (a) Hardware (b) Firmware (c) Software

7. Who among the following was the first member of Parliament from Kerala?

- (a) Annie Maskrin (b) Anna Chandi (c) Accamma Cheriyan

8. What is 'Supernova'?

- (a) an asteroid (b) a blackhole (c) a dying star

9. B.C. Roy award is given in the field of

- (a) Music (b) Medicine (c) Journalism

10. The power to amend the Indian constitution vests in the

- (a) President (b) Parliament (c) Supreme Court

11. The Nobel Prize for Economics was instituted by

- (a) Alfred Nobel (b) World Bank (c) Swedan Central Ba

12. The Arabi Malayalam Journal started by Vakkom Moulavi.
(a) Al Islan (b) Al Manar (c) Muslim
13. Which Indian Prime Minister dissolved the planning commission and introduced NITI Ayog in its place?
(a) Jawaharlal Nehru (b) Man Mohansingh (c) Narendra Modi
14. Who was the first British Prime Minister to visit India.
(a) Dwight Eisenhower (b) Winston Churchill (c) Harold Mcmillan
15. The comptroller and Auditor General of India is appointed by
(a) Prime Minister (b) President (c) Parliament
16. Which day is observed as World Population Day?
(a) June 11 (b) July 11 (c) Nov. 20
17. The first Opposition Leader in Kerala
(a) C. Achutha Menon (b) A.K. Gopalan (c) E.K. Nayanar
18. "The Lives of Others" the book is written by
(a) Salman Rushdie (b) Kaavya Viswanathan (c) Neelt Mukherjee

Write the expanded form

19. ASCII

20. HRD