



St. XAVIER'S HIGH SCHOOL

EDUCATION FOR ALL

BANKURA, WB

Affiliation No.: 2430130

Affiliated to CBSE (New Delhi) 10+2 level

ADMISSION TEST

School Code: 15720

CLASS- IX

FM: 50

Time: 2 Hrs.

SUBJECT: ENGLISH

General Instructions: -

**There are three sections (Section A, Section B and Section C).*

**All questions are compulsory.*

Section-A(Unseen)

1. In British history, the period from 1837 to 1901 is called the Victorian era. The period saw Queen Victoria's long and prosperous reign in England. Charles Dickens was the most popular novelist of this period. He became famous for working-class life, complex plots and sense of humour. However, it was the vast galaxy of unusual characters he created that made him more popular than his contemporaries. These characters, drawn from everyday life and the world around them, were such that readers could relate to them.

Beginning with *The Pickwick Papers* in 1836, Dickens wrote numerous novels, each filled with uniquely believable characters and vivid physical descriptions. According to Dickens's friend and biographer, John Forster, Dickens created the real existence of characters, not by describing them but by describing themselves.

Read the above passage carefully and answer the following questions.

(1*5=5)

(i) What is the name of the period in British history that saw Queen Victoria's long and prosperous reign in England?

- A) The Elizabethan era B) The Georgian era C) The Victorian era D) The Edwardian era

(ii) Who was the most popular novelist of the Victorian era?

- A) William Shakespeare B) Jane Austen C) Charles Dickens D) Virginia Woolf

(iii) What was Charles Dickens famous for in his novels?

- A) Working-class life B) Science fiction C) Romance D) Political commentary

(iv) What made Dickens more popular than his contemporaries?

- A) His complex plots B) His sense of humour
C) His vivid physical descriptions D) His vast galaxy of unusual characters

(v) What was the first novel written by Dickens?

- A) David Copperfield B) A Tale of Two Cities
C) Great Expectations D) The Pickwick Papers

Section -B (Grammar)

2. Answer the following questions. (1*5=5)

(i) They will laugh at you. (Choose the correct active/passive voice form from the four alternatives of the following sentence.)

(A) You can be laughed at by them.

(B) You may be laughed at by them.

(C) You will be laughed at by them.

(D) You will have been laughed at by them.

(ii) This servant (work) with us for ten years.

(A) works

(B) has been working

(C) is working

(D) does work

(iii) Rahul said, "I will manage hereafter." (Select the most appropriate option to change the sentence from Direct Speech to Reported Speech.)

A. Rahul said that he would manage hereafter.

B. Rahul said that he will manage thereafter.

C. Rahul said that he would manage thereafter.

D. Rahul said that he will manage hereafter.

(iv) The information provided to you _____ wrong.

A. were

B. was

C. are

D. have been

(v) He (be) weak in English in the beginning.

(A) Being

(B) been

(C) was

(D) had been

Section -C (Writing Skills)

3. As the secretary of the Students' Association of your school write a notice urging the students to participate in the Teachers' Day program of your school. (1*5=5)

SUBJECT: SCIENCE

SECTION-A (PHYSICS)

Choose the correct option:-

(1*5=5)

1. Two objects repel each other. This repulsion could be due to the

(a) frictional force only.

(b) electrostatic force only

(c) magnetic force only.

(d) either a magnetic or an electrostatic force

2. Which of the following statements is incorrect?

(a) Friction acts on a ball rolling along the ground.

(b) Friction acts on a boat moving on water

(c) Friction acts on a bicycle moving on a smooth road

(d) Friction does not act on a ball moving through air

3. An object is vibrating at 50 Hz. What is its time period?

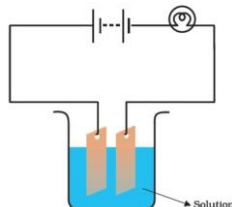
(a) 0.02 s.

(b) 2 s.

(c) 0.2 s.

(d) 20 s

4. Which of the following solutions will not make the bulb glow in figure?



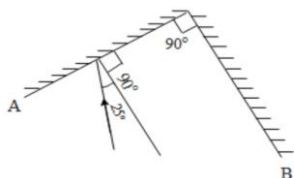
(a) Sodium chloride.

(b) Copper sulphate.

(c) Silver nitrate.

(d) Sugar solution in diluted water

5. Two mirrors A and B are placed at right angles to each other as shown in the figure.



A ray of light incident on mirror A at an angle of 25° falls on mirror B after reflection. The angle of reflection for the ray reflected from mirror B would be

- (a) 25° (b) 50° (c) 65° (d) 115°

SECTION-B (CHEMISTRY)

Choose the correct option:-

(1×5=5)

6. Which is a thermosetting plastic?

- (a) Melamine. (b) Polythene. (c) PVC. (d) Nylon

7. Which of the following is not a metal?

- (a) Copper. (b) Sulphur. (c) Aluminium. (d) Iron

8. The substance that will be flattened on beating with a hammer is

- (a) crystal of iodine. (b) lump of sulphur. (c) piece of coal (d) zinc granule

9. Which of the following is a pair of exhaustible natural resources?

- (a) Coal and soil. (b) Air and sunlight. (c) Water and petroleum (d) Wildlife and minerals

10. Magnesium ribbon on burning in air produces

- (a) magnesium oxide, water and light. (b) magnesium oxide and heat
(c) magnesium oxide, heat and light. (d) magnesium oxide, water and heat

SECTION-C (BIOLOGY)

11. Which of the following pair of organisms are prokaryotic?

- (a) Rhizobium, yeast (b) Rhizobium, Fish
(c) Cyanobacteria, Rhizobium (d) Virus, amoeba

12. Male and female gametes are fused to form-

- (a) Embryo (b) Zygote (c) foetus (d) clone

13. Which among the following is an extinct species?

- (a) Penguin (b) Siberian tiger (c) Lemurs (d) Dodo

14. The example of nitrogen rich fertilizer is-

- (a) Potash (b) NPK (c) Urea (d) Malathion

15. Which of the following cell organelle is called as protein factory of the cell?

- (a) Ribosomes (b) Mitochondria (c) Lysosome (d) Nucleus

SUBJECT: MATHEMATICS

FM: 20

MULTIPLE CHOICE QUESTIONS: 2×10=20

1) If $a + \frac{1}{a} = 3$, then $a^2 + \frac{1}{a^2}$ has value

- a) 9 b) 7 c) 8

2) If $\frac{m}{n} = \frac{4}{3}$ and $\frac{r}{t} = \frac{9}{14}$, the value of $\frac{3mr - nt}{4nt - 7mr}$ is

- a) $\frac{3}{2}$ b) $\frac{11}{14}$ c) $-\frac{11}{14}$

3) The sum of two numbers is 40. If one of them is 10 more than the other, find the numbers.

- a) 15, 25 b) 45, 55 c) 35, 45

4) If the selling price of 16 water bottles is equal to the cost price of 17 water bottles, find the gain percentage earned by the dealer.

a) $\frac{6}{4}\%$ b) $\frac{25}{4}\%$ c) $\frac{17}{4}\%$

5) Neena bought a pen for rs23.75, after getting 5% discount on it. What is its list price?

a) 8% b) 6% c) 10%

6) Find the amount on rs 8000 for 3 years at the rate of 8%p.a.

a) 9990 b) 8980 c) 9920

7) A labourer earns rs 141.75 in 26 weeks . How much money will he earn in a year ?

a) 280.50 b) 298 c) 278.75

8) In the case of a trapezium, the ratio of its angles taken in order cannot be

a) 1:2:3:4 b) 4:5:2:3 c) 7:14:2:8

9) The edges of a cuboid are in the ratio 1:2:3 and its volume is 1296 cu.cm . Find its length, breadth and height.

a) 5, 18, 22 b) 10, 20, 25 c) 6, 12, 18

10) The value of $51^2 - 49^2$ is ..

a) 100 b) 200 c) 300