

SAMPLE PAPER			

No. of Questions — 100

No. of Printed Pages — 10



## Swami Vivekanand Govt. Model School

Q 1. Amoeba belongs to:

- (a) Protozoa                      (b) Algae                      (c) Fungi                      (d) Virus

Q2. Bacteria present in root nodules of leguminous plants are:

- (a) Coli                      (b) Plasmodium                      (c) Rhizobium                      (d) Penicillium

Q3. Seed drill is used to:

- (a) Sow the seeds                      (b) Mixing of manure with soil  
(c) Remove the weeds                      (d) Protect the seeds

Q4. Best method of irrigation in water deficient area is:

- (a) Tube well                      (b) Drip irrigation                      (c) Sprinkle                      (d) Moat

Q5. Yeast is used in production of:

- (a) Sugar                      (b) Alcohol                      (c) Hydrochloric acid                      (d) Oxygen

Q6. The process of conversion of sugar into alcohol is called:

- (a) Nitrogen fixation                      (b) Moulding                      (c) Fermentation                      (d) Infection

Q7. Units of polymer are:

- (a) Molecule                      (b) Monomer                      (c) Cells                      (d) Polyesters

Q8. The strongest synthetic fibre is:

- (a) Rayon                      (b) Nylon                      (c) Acrylic                      (d) Polyesters

Q9. After the reaction of non metals with water:

- (a) Hydrogen gas formed                      (b) Carbon dioxide gas is formed  
(c) Non metal are unable to react with water                      (d) Non metal oxides are formed

Q10. The metal which is not corroded by air, water and acid is:

- (a) Gold                      (b) Aluminium                      (c) Iron                      (d) Copper
- Q11. Minerals are:  
(a) Inexhaustible                      (b) Exhaustible                      (c) Petroleum                      (d) Natural Resources
- Q12. The natural solid fuel is:  
(a) Coke                      (b) Coal                      (c) Petroleum                      (d) Diesel
- Q13. Burning of LPG is an example of:  
(a) Rapid combustions                      (b) Explosions  
(c) Spontaneous combustion                      (d) Slow combustions
- Q14. The work of fire extinguisher is:  
(a) Cut off the supply of air                      (b) Provide oxygen  
(c) Provide carbon dioxide                      (d) None of these
- Q15. Part of the earth which supports the bio diversity is called:  
(a) Biosphere reserve                      (b) Sanctuary  
(c) Ecosystem reserve                      (d) National parks
- Q16. The seasonal movement of animal from one habitat to another is known as:  
(a) Migration                      (b) Rehabilitation                      (c) Isolation                      (d) Rotation
- Q17. Which part of the cell contains organelles?  
(a) Cytoplasm                      (b) Protoplasm                      (c) Nucleoplasm                      (d) Nucleus
- Q18. The colour of chloroplast pigment is:  
(a) Yellow                      (b) Green                      (c) Red                      (d) Blue
- Q19. Tadpole is the developing stage of:  
(a) Dogs                      (b) Cats                      (c) Frogs                      (d) Human
- Q20. Foetus is the:  
(a) Well developed embryo                      (b) Zygote  
(c) Female gamete                      (d) Clone
- Q21. The beginning of menstruation of puberty is called:  
(a) Menarche                      (b) Menopause                      (c) Menstrual cycle                      (d) None of these
- Q22. Force acting on an object may change its:  
(a) Shape                      (b) Speed                      (c) Direction                      (d) All of these
- Q23. How can we decide whether an object is moving faster than the other?  
(a) By their direction                      (b) By their motion  
(c) By their weight                      (d) By their speed

Q24. Smooth surface has:

- (a) Less frictional force
- (b) More frictional force
- (c) Sometimes less and sometimes more frictional force
- (d) None of these

Q25. Which one of the following is not a smooth surface?

- (a) Surface of mirror
- (b) Surface of tyres
- (c) Glazed tiles
- (d) Surface of wet soap

Q26. Large amplitude of sound vibration will produce a:

- (a) Shreak
- (b) Loud sound
- (c) Weak sound
- (d) Slow sound

Q27. The maximum displacement of a vibrating body on one side is called:

- (a) Frequency
- (b) Amplitude
- (c) Sound
- (d) Noise

Q28. Which process is done to prevent corrossions of iron objects?

- (a) Electroplating
- (b) Refining
- (c) Metallurgy
- (d) Electrolysis

Q29. Adding common salt to distilled water makes it:

- (a) Sour
- (b) Insulator
- (c) Conductor
- (d) Tasty

Q30. The process of transfer of charges from a charged object to the earth is called:

- (a) Lightning
- (b) Ending charges
- (c) Electron movement
- (d) Earthling

Q.31 How many number of lines of symmetry of Square?

- (a) 1
- (b) 2
- (c) 3
- (d) 4

Q.32 If the cost of 7m of cloth is 294Rs.What is the cost of 5m of cloth?

- (a) 42
- (b) 200
- (c) 210
- (d) 350

Q.33 What is the Ratio of 90 cm to 2.5m ?

- (a) 18:5
- (b) 5:18
- (c) 25:9
- (d) 9:25

Q.34 What is the Smallest Prime number ?

- (a) 0
- (b) 1
- (c) 2
- (d) 3

Q.35 What is the value of  $4153.45 \div 1000$

- (a) 415.345
- (b) 4.15345
- (c) 41534.5
- (d) 41.5345

Q.36 What is the Mode of data 2,3,4,4,7,5,4,3,4,3,1 ?

- (a) 4
- (b) 7
- (c) 4.5
- (d) 3.5

Q.37 What is the area of circle whose radius is 14 mm.

- (a) 616 mm
- (b) 616 mm<sup>2</sup>
- (c) 44 mm
- (d) 44 mm<sup>2</sup>

Q.38 How many numbers lies between squares of 25 and 26 .

- (a) 49
- (b) 50
- (c) 51
- (d) 52

Q.39 What is the value of the angle made in a semi-circle.

- (a) 45°
- (b) 90°
- (c) 180°
- (d) 360°

Q.40 Find the sum of the square of first 10 natural number.

- (a) 475                      (b) 380                      (c) 470                      (d) 385

Q.41 How many Number of edges in a cube ?

- (a) 8 (b) 12 (c) 6 (d) 14

Q.42 A and B are brothers, C and D are sisters. The son of A is brother of D. Then the relation of B with C is

- (a) Husband                      (b) Brother                      (c) Uncle                      (d) Nephew.

Q.43 If the numbers 719, 609, 735, 689, 834, 937, 600, 798, 610 are arranged in ascending order, then the multiplication of digits of the mid-number is

- (a) 96                      (b) 9                      (c) 17                      (b) 63.

Q.44 What is the Co-efficient of X in  $-7X^3$  ?

- (a) -1                      (b) -7                      (c)  $-7X^2$                       (d)  $X^2$

Q.45. What is the sum of the measures of angles of a convex quadrilaterals?

- (a)  $45^\circ$                       (b)  $90^\circ$                       (c)  $180^\circ$                       (d)  $360^\circ$

Q.46 Maximum number of right angles in a right angled triangle are

- (a) 2                      (b) 1                      (c) 3                      (d) 0

Q.47 At what simple rate of interest shall a sum of money double itself in 4 years?

- 12% (b) 15%                      (c) 20%                      (d) 25%

Q.48 Which of the following is a perfect square ?

- (a) 45                      (b) 81                      (c) 18                      (d) 54

Q.49 Which of the following number would have digit 5 at units place :

- (a)  $95^2$                       (b)  $59^2$                       (c)  $24^2$                       (d)  $42^2$

Q.50 A vessel has 4 litres and 500ml of curd. In how many glasses each of 25ml capacity, can it be filled?

- 160 (b) 170                      (c) 180                      (d) 175

Q.51 What is the smallest square number which is divisible by each of the numbers 6,9 and 15 ?

- (a) 900                      (b) 810                      (c) 630                      (d) 720

Q.52 How many natural numbers lie between  $9^2$  and  $10^2$ ?

- (a) 15                      (b) 19                      (c) 18                      (d) 17

Q.53 The area of triangle is "xy" where "x" is length and „y" is breadth. If the length of rectangle is increased by 5 units and breadth is decreased by 3 units, the new area of rectangle will be

- (a)  $(x-y)(x+3)$                       (b)  $xy+15$                       (c)  $(x+5)(y-3)$                       (d)  $xy +5-3$

Q.54 If the length of edge of cube is 4 cm , its volume is

- (a)  $16 \text{ cm}^2$                       (b)  $64 \text{ cm}^3$                       (c)  $64 \text{ cm}^2$                       (d)  $16 \text{ cm}^3$

Q.55 In simplified form  $(3^{-1} + 4^{-1} + 5^{-1})^0$  is equals to

- (a) 12                      (b) -3                      (c) -12                      (d) 1

Q.56  $1 \text{ m}^3$  is \_\_\_\_\_.

- (a) 10 L                      (b) 100 L                      (c) 1000 L                      (d) 10000 L

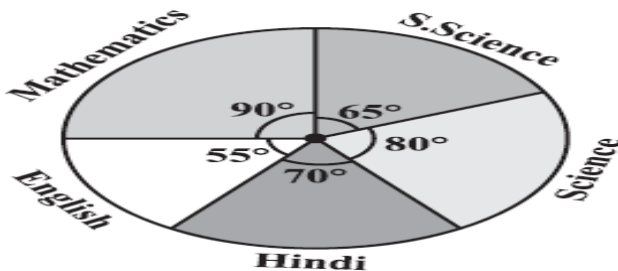
Q.57 The Rational number between  $\frac{1}{4}$  and  $\frac{1}{3}$  is

- (a)  $\frac{7}{24}$                       (b) 0.29                      (c)  $\frac{13}{48}$                       (d) All of these

Q.58 The area of a trapezium is

- (a)  $\frac{1}{2}$  (sum of parallel sides)  $\times$  h                      (b) 2 (sum of parallel sides)  $\times$  h  
(c) (sum of parallel sides)  $\times$  h                      (d)  $\frac{1}{2}$  (sum of parallel sides) + h

59 to Q.60 The adjoining pie chart gives the marks scored in an examination by a student in Hindi, English, Mathematics, Social Science and Science. If the total marks obtained by the students were 540 and the central angle =  $360^\circ$ ., answer the following questions.



Q.59 In which subject did the student score 105 Marks?

- (a) Mathematics                      (b) Science                      (c) English                      (d) Hindi

Q.60 How many more marks were obtained by the student in Mathematics than in Hindi?

- (a) 20                      (b) 25                      (c) 30                      (d) 35

**Read the statements / questions below and tick the correct option:**

Q.61 'Much' is used for:

- A. Countable noun                      B. uncountable noun  
C. proper noun                      D pronouns only

Q.62 Definite article 'the' is not used before:

- A. names of languages                      B. mountain ranges  
C. names of games                      D. names of holy books

Q.63 which is the objective form of 'we' :

- A. our                      B. us  
C. ours                      D. ourselves

Q.64 which is the collective noun of stars.

- A. Group                      B. bunch



- A. Open                                      B. opens  
C. Opened                                    D. is opening

Q.75 Last week, my cat .....away.

- A. Run                                        B. has run  
C. Ran                                        D. runs

**Complete the following sentences by choosing correct passive form of the verbs given:**

Q.76 English ..... to us by Mr. Sharma.

- A. taught                                    B. is taught  
C. Teach                                    D. is teaching

Q.77 'Godan' ..... by Prem Chand.

- A. Wrote                                      B. were written  
C. Was writing                                D. was written

Q.78 A song was being..... by me.

- A. Sing                                        B. sang  
C. Singing                                    D. sung

**Choose the correct indirect sentence of the following sentences:**

Q.79 Mohan said to me, "Hari tells a lie."

- A. Mohan told me that Hari told a lie.  
B. Mohan said to me that Hari told a lie.  
C. Mohan told me that Hari tells a lie.  
D. Mohan tells me that Hari told a lies

Q.80 I said, "I am not a thief."

- A. I told that I am not a thief.  
B. I said that I am not a thief  
C. I said that I was not a thief  
D. I told that I was not a thief

प्रश्न 81 निम्नलिखित शब्दों में से भाववाचक संज्ञा बताइए

- (a) बदलना                      (b) भरना                      (c) घूमना                      (d) दौड़                      ( )

प्रश्न 82 निम्नलिखित शब्दों में से अशुद्ध शब्द बताइए

(a) एकादशी (b) द्वादशी (c) त्रयोदशी (d) चतुदशी ( )

प्रश्न 83 निम्नलिखित शब्दों में से बहुवचन चुनिए

(a) मैं (b) वह (c) उसने (d) वे ( )

प्रश्न 84 निम्नलिखित शब्दों में से कौनसा शब्द विशेषण नहीं है ?

(a) आर्थिक (b) विदेश (c) रंगीला (d) सभ्य ( )

प्रश्न 85 निम्नलिखित शब्दों में से कौनसा शब्द द्वन्द्व समास का उदाहरण है ?

(a) अन्न-जल (b) पीताम्बर (c) त्रिलोक (d) त्रिभुवन ( )

प्रश्न 86 रामचरित-मानस नामक ग्रंथ के रचनाकार कौन है ?

(a) महर्षि वाल्मीकि (b) सूरदास (c) गोस्वामी तुलसीदास (d) कबीर दास ( )

प्रश्न 87 मीरा की भक्ति किस प्रकार के भाव की थी ?

(a) दास्य भाव (b) सख्य भाव (c) दैन्यभाव (d) माधुर्यभाव ( )

प्रश्न 88 **ध्वनि** नामक कविता के रचनाकार का नाम क्या है ?

(a) जयशंकर प्रसाद (b) सूर्यकान्त त्रिपाठी निराला (c) सुमित्रानंदन पंत (d) रामधारी सिंह दिनकर ( )

प्रश्न 89 लाक्षागृह से निकलकर पाण्डव कहां पहुंचे थे ?

(a) पांचाल देश (b) एकचक्का नगरी (c) हस्तिनापुर (d) इन्द्रप्रस्थ ( )

प्रश्न 90 **ढोकला** कहां का प्रसिद्ध व्यंजन है ?

(a) राजस्थान (b) गुजरात (c) हरियाणा (d) पंजाब ( )

Q. 91 Golden fiber refers to ---

सुनहरा रेशा है-

(a) Jute जूट (b) Cotton कपास (c) Nylon नाईलोन (d) None कोई नहीं ( )

Q. 92 Which one of the following is a leading producer of copper in the world ?

निम्न में से कौन विश्व में तांबे का अग्रणी उत्पादक है ?

(a) Chile चिली (b) Ghana घाना (c) Bolivia बोलिविया (d) India भारत ( )

Q. 93 Steppe grassland is found— स्टेपी घास का मैदान पाया जाता है-

(a) South Africa द. अफ्रीका (b) Central Asia मध्य एशिया (c) Australia अस्ट्रेलिया (d) Europe यूरोप ( )



Q. 94 When is international women day celebrated -

अन्तर्राष्ट्रीय महिला दिवस कब मनाया जाता है

- (a) 12<sup>th</sup> March मार्च (b) 8<sup>th</sup> March मार्च (c) 10<sup>th</sup> April अप्रैल (d) 1<sup>st</sup> May मई ( )

Q. 95 The oldest mountain ranges in India is the -

भारत की सबसे पुरानी पर्वत श्रृंखला कौनसी है ?

- (a) Aravali hills अरावली (b) Westrn ghats प. घाट (c) Himalya हिमालय (d) None कोई नहीं ( )

Q. 96 The Indian constitution came into force . भारतीय संविधान लागु हुआ था-

- (a) 26<sup>th</sup> March मार्च 1947 (b) 15<sup>th</sup> August अगस्त 1947  
(C) 26<sup>th</sup> January जनवरी 1950 (d) 26<sup>th</sup> November नवम्बर 1949 ( )

Q. 97 How many members are in Rajasthan State Legislative Assembly ?

राजस्थान राज्य की विधान सभा के सदस्यों की संख्या कितनी है ?

- (a) 200 (b) 225 (c) 250 (d) 543 ( )

Q. 98 Who is the Governor of Rajasthan State ? राजस्थान राज्य का राज्यपाल कौन है ?

- (a) Ashok Gahlot अशोक गहलोत (b) Kalyan Singh कल्याण सिंह  
(c) Prtibha Patil प्रतिभा पाटिल (d) Sachin Pilot सचिन पायलट ( )

Q. 99 The maximum strength of Lok Sabha is-

लोक सभा की अधिकतम सदस्य संख्या होती है।

- (a) 545 (b) 543 (c) 245 (d) 250 ( )

Q.100 Who is the leader of ruling party in the Lok Sabha ?

लोकसभा में सत्ताधारी दल का नेता कौन होता है ?

- (a) Prime minister प्रधानमंत्री (b) President राष्ट्रपति  
(c) Vice President उपराष्ट्रपति (d) None कोई नहीं ( )