



ST. PBN PUBLIC SCHOOL
ANNUAL EXAMINATION

Class XI

Sub:-Mathematics

SAMPLE PAPER

Time: 3 hours

M.M: 80

General Instructions:

- Section A consists of 6 questions of 1 mark each.
- Section B consists of 6 questions of 2 marks each.
- Section C consists of 10 questions of 3 marks each.
- Section D consists of 8 questions of 4 marks each.

Section A

1. The coordinates of points in the YZ-plane are of the form _____.
2. Find the equation of the circle with centre $(-3, 2)$ and radius 4.
3. Find the value of $\text{Cos}(405^\circ)$.
4. Solve: $-3x+17 < -13$
5. How many chords can be drawn through 21 points on a circle?
6. Evaluate: $\lim_{x \rightarrow 1} \frac{x^{15}-1}{x^{10}-1}$

Section B

7. Find all pairs of consecutive even positive integers, both of which are larger than 5 such that their sum is less than 23.
8. Given 5 flags of different colours, how many different signals can be generated if each signal requires the use of 2 flags, one below the other?
9. How many 3-digit even numbers can be made using the digits 1, 2, 3, 4, 6, 7, if no digit is repeated?
10. Find the equation of the hyperbola where foci are $(0, \pm 12)$ and the length of the latus rectum is 36.
11. Find the distance between the points $P(1, -3, 4)$ and $Q(-4, 1, 2)$.
12. A coin is tossed three times, consider the following events. A: 'no head appears', B: 'exactly one head appears' and C: 'at least two head appear'. Do they form a set of mutually exclusive and exhaustive events?

Section C

13. A group consists of 4 girls and 7 boys. In how many ways can a team of 5 members be selected if the team has (i) no girl? (ii) at least one boy and one girl? (iii) at least 3 girls?
14. The longest side of a triangle is 3 times the shortest side and the third side is 2 cm shorter than the longest side. If the perimeter of the triangle is at least 61 cm, find the minimum length of the shortest side.
15. If $\tan x = \frac{3}{4}$, $\pi < x < \frac{3\pi}{2}$, find the value of $\sin \frac{x}{2}$, $\cos \frac{x}{2}$ and $\tan \frac{x}{2}$.
16. How many numbers lying between 100 and 1000 can be formed with the digits 0, 1, 2, 3, 4, 5, if the repetition of the digits is not allowed?
17. Find the equation of the circle passing through the points (4,1) and (6,5) and whose centre is on the line $4x + y = 16$.
18. Find the coordinates of the foci, the vertices, the length of major and minor axes and the eccentricity of the ellipse $36x^2 + 4y^2 = 144$.
19. Using section formula, prove that the three points (2, -3, 4), (-1, 2, 1) and $(0, \frac{1}{3}, 2)$ are collinear.
20. Find the coordinates of the point which divides the line segment joining the points (1, -2, 3) and (3, 4, -5) in the ratio 2:3 (i) internally (ii) externally.
21. A committee of two persons is selected from two men and two women. What is the probability that the committee will have (a) no man? (b) one man? (c) two men?
22. Find the derivative of $\sin x$ from first principle.

Section D

23. How many four letter words can be formed using the letter of the word 'INEFFECTIVE'?
24. An equilateral triangle is inscribed in the parabola $y^2 = 4ax$, where one vertex is at the vertex of the parabola. Find the length of the side of the triangle.
25. Solve the following system of inequality graphically
- $$x + 2y \leq 10$$
- $$x + y \geq 1, x - y \leq 0$$
- $$x \geq 0, y \geq 0$$
26. Prove that $\cos^2 x + \cos^2 \left(x + \frac{\pi}{3}\right) + \cos^2 \left(x - \frac{\pi}{3}\right) = \frac{3}{2}$.
27. Find the probability that when a hand of 7 cards is drawn from a well shuffled deck of 52 cards, it contains (i) all Kings (ii) 3 Kings (iii) atleast 3 Kings.

28. Find the equation of ellipse whose centre at $(0, 0)$, major axis on the y-axis and passes through the points $(3, 2)$ and $(1, 6)$.

29. The English alphabet has 5 vowels and 21 consonants. How many words with two different vowels and 2 different consonants can be formed from the alphabet ?

30. Suppose $f(x) = \begin{cases} a + bx, & x < 1 \\ 4, & x = 1 \\ b - ax, & x > 1 \end{cases}$ and if $\lim_{x \rightarrow 1} f(x) = f(1)$

What are possible value of a and b?

.....XXX.....



ST PBN PUBLIC SCHOOL
SAMPLE PAPER
ANNUALEXAMINATION
CLASS XI
CHEMISTRY THEORY (043)

Time: 3 hrs

Max. Marks: 70

General Instructions:

1. The Question Paper contains two sections.
2. Section A: Q.no. 1 to 30 are very short answer questions (objective type) and carry 1 mark each.
3. Section B: Q.no. 31 to 52 are short answer and long answer questions and carry 2 marks and 3 marks each.
4. All questions are mandatory.

SECTION-A

1. The hydration energy of Mg^{2+} is larger than that of
(a) Al^{3+} (b) Na^+
(c) Be^{2+} (d) Mg^{3+}
2. Which of the following is the correct order of gradually decreasing basic nature of the oxides?
(a) $Al_2O_3, MgO, Cl_2O_7, SO_3$ (b) $Cl_2O_7, SO_3, Al_2O_3, MgO$
(c) $SO_3, Cl_2O_7, MgO, Al_2O_3$ (d) $MgO, Al_2O_3, SO_3, Cl_2O_7$
3. The stability of the following alkali metal chlorides follows the order
(a) $LiCl > KCl > NaCl > CsCl$ (b) $CsCl > KCl > NaCl > LiCl$
(c) $NaCl > KCl > LiCl > CsCl$ (d) $KCl > CsCl > NaCl > LiCl$
4. Solubilities of carbonates decrease down the Magnesium group due to decrease in
(a) Entropy of solution formation (b) Lattice energies of solids
(c) Hydration energy of cations (d) Inter-ionic attraction
5. KO_2 (Potassium superoxide) is used in oxygen cylinders in space and submarines because it
(a) Absorbs CO_2 and increases O_2 content (b) Eliminates moisture
(c) Absorbs CO_2 (d) Produces ozone
6. Which of the following element exhibits + 3 Oxidation State only?
(a) Gallium (b) Thallium
(c) Indium (d) Aluminium

7. Which of the following is true regarding reducing character?

- (a) Gallium < aluminium > indium > thallium
- (b) Aluminium > gallium > indium > thallium
- (c) Aluminium > gallium < indium > thallium
- (d) Gallium > aluminium > indium > thallium

8. Complex formation is more likely to be possible in _____

- (a) alkali metals
- (b) alkaline earth metals
- (c) boron family
- (d) equally likely

9. The compounds formed by the Boron family are _____

- (a) ionic
- (b) covalent
- (c) both ionic and covalent
- (d) neither ionic nor covalent

10. What is the chemical formula of aluminium carbide?

- (a) AlC
- (b) AlC₃
- (c) AlC₂
- (d) AlC₃

11. Which of the following compounds will exhibit geometrical isomerism?

- (a) 1-phenyl-1-butene
- (b) 3-phenyl-1-butene
- (c) 2-phenyl-1-butene
- (d) 1,1-diphenyl-1-propene

12. Out of the following which one has the least hindered rotation about carbon-carbon bond.

- (a) Ethane
- (b) Ethylene
- (c) Acetylene
- (d) Hexachloroethane

13. The correct order of reactivity towards the electrophilic substitution of the compounds (i) aniline (ii) benzene (iii) nitrobenzene is

- (a) III > II > I
- (b) II > III > I
- (c) I < II > III
- (d) I > II > III

14. Which of the following species participate in salphonation of benzene ring?

- (a) H₂SO₄
- (b) SO₃
- (c) HSO₃⁻
- (d) SO₂⁻

15. When 2-butyne is treated with dil. H₂SO₄/HgSO₄, the product formed is

- (a) Butanol-1
- (b) Butanol-2
- (c) 2-Butanone
- (d) Butanal

16. Which of the following is a Lewis base?

- (a) AlCl_3 (b) Ag^+
(c) $\text{Al}(\text{OH})_3$ (d) NH_3

17. Solubility of PbI_2 is 0.0013 M. Then solubility product of PbI_2 is

- (a) 2.2×10^{-9} (b) 8.8×10^{-9}
(c) 6.8×10^{-6} (d) 8.8×10^{-6}

18. Water is a

- (a) Protophobic solvent (b) Protophilic solvent
(c) Amphiprotic solvent (d) Aprotic solvent

19. When two reactants A and B are mixed to give products C and D, the concentration quotient (Q) at initial stage of the reaction

- (a) Is zero (b) Decreases with time
(c) Is independent of time (d) Increases with time.

20. For the chemical reaction

$3\text{X}(\text{g}) + \text{Y}(\text{g}) \rightleftharpoons \text{X}_3\text{Y}(\text{g})$, the amount of X_3Y at equilibrium is affected by

- (a) Temperature and pressure (b) Pressure only
(c) Temperature only (d) Temperature, pressure and catalyst.

21. In a reversible process the system absorbs 600 kJ heat and performs 250 kJ work on the surroundings. What is the increase in the internal energy of the system?

- (a) 850 kJ (b) 600 kJ
(c) 350 kJ (d) 250 kJ

22. The enthalpies of combustion of carbon and carbon monoxide are -393.5 and -283.0 kJ mol⁻¹ respectively. The enthalpy of formation of carbon monoxide is:

- (a) -676 kJ (b) 110.5 kJ
(c) -110.5 kJ (d) 676.5 kJ

23. The temperature of the system decreases in an _____.

- (a) Adiabatic Compression (b) Isothermal Expansion
(c) Isothermal Compression (d) Adiabatic Expansion

24. One mole of which of the following has the highest entropy?

- (a) Liquid Nitrogen
(c) Mercury
- (b) Hydrogen Gas
(d) Diamond

25. The system that would not allow exchange of heat between the system and surroundings through its boundary is considered as

- (a) adiabatic
(c) isobaric
- (b) isochoric
(d) isothermal

26. An ideal gas is one which obeys the gas laws under

- (a) a few selected experimental conditions
(c) low pressure alone
- (b) all experimental conditions
(d) high temperature alone

27. The states of matter having no definite shape but definite volume:

- (a) Gas
(c) Solid
- (b) Liquid
(d) None of the Above

28. The rise or fall of a liquid within a tube of small bore is called:

- (a) Surface Tension
(c) Viscosity
- (b) Capillary Action
(d) Formation of Curvature

29. Gas equation $PV = nRT$ is obeyed by

- (a) Only isothermal process
(c) Both (a) and (b)
- (b) Only adiabatic process
(d) None of these

30. The total pressure of a mixture of two gases is :

- (a) the sum of the partial pressures
(b) the difference between the partial pressures
(c) the product of the partial pressures
(d) the ratio of the partial pressures

SECTION-B (SUBJECTIVE)

One mark questions:

31. A vessel of 120 mL capacity contains a certain amount of gas at 35 °C and 1.2 bar pressure. The gas is transferred to another vessel of volume 180 mL at 35 °C. What would be its pressure?

45. Why are potassium and caesium, rather than lithium used in photoelectric cells?

46. What are the necessary conditions for any system to be aromatic?

Three marks questions:

47. On a ship sailing in Pacific Ocean where temperature is 23.4°C , a balloon is filled with 2 L air. What will be the volume of the balloon when the ship reaches Indian ocean, where temperature is 26.1°C ?

48. For the reaction at 298 K, $2\text{A} + \text{B} \rightarrow \text{C}$ $\Delta\text{H} = 400 \text{ kJ mol}^{-1}$ and $\Delta\text{S} = 0.2 \text{ kJ K}^{-1} \text{ mol}^{-1}$. At what temperature will the reaction become spontaneous considering ΔH and ΔS to be constant over the temperature range.

49. How will you convert ethanoic acid into benzene?

50. Write structures of different chain isomers of alkanes corresponding to the molecular formula C_6H_{14} . Also write their IUPAC names.

51. When an alkali metal dissolves in liquid ammonia the solution can acquire different colours. Explain the reasons for this type of colour change.

52. An alkene 'A' contains three C – C, eight C – H σ bonds and one C – C π bond. 'A' on ozonolysis gives two moles of an aldehyde of molar mass 44 u. Write IUPAC name of 'A'.



ST PBN PUBLIC SCHOOL
Annual Examination
Class XI
SUBJECT- PHYSICS

Time: 3 Hours

MM: 50

GENERAL INSTRUCTION:-

1. The question paper contains three sections
2. Section A has 11 questions. Attempt any 10 questions. Each question carries 1 mark each.
3. Section B has 8 questions each carries 2 marks. Attempt all the questions.
4. Section C has 8 questions. Each carries 3 marks. Attempt all the questions.
5. There is no negative marking.

SECTION-A

1. What is a heat pump?
2. Can the temperature of an isolated system change?
- 3 The stretching of a coil spring is determined by its shear modulus. Why?
- 4 State Hooke's law.
5. A drop of liquid under no external forces is always spherical in shape . Why.
6. Viscosity of gases..... with temperature, whereas viscosity of liquids with temperature (increases / decreases)
7. What is the nature of the P – V diagram for isobaric and isochoric processes?
- 8 In summer, when the valve of a bicycle tube is removed, the escaping air appears cold. Why?
9. Can water be made to boil without heating? How?
10. Animal's curl into a ball, when they feel very cold?
- 11 State zeroth law of thermodynamics?

SECTION - B

- 12 Read the following two statements below carefully and state, with reasons, if it is true or false.
(a) The Young's modulus of rubber is greater than that of steel;
(b) The stretching of a coil is determined by its shear modulus.
13. State Stefan's law.
14. A piece of copper having a rectangular cross-section of 15.2 mm x 19.1 mm is pulled in tension with 44,500 N force, producing only elastic deformation. Calculate the resulting strain? Shear modulus of elasticity of copper is $42 \times 10^9 \text{ N/m}^2$?

OR

What is Bernoulli's theorem? State and derive its formula.

15. Explain why

(a) To keep a piece of paper horizontal, you should blow over, not under, it.

(b) When we try to close a water tap with our fingers, fast jets of water gush through the openings between our fingers.

(c) The size of a needle of a syringe controls flow rate better than the thumb pressure exerted by a doctor while administering an injection.

16. The coefficient of volume expansion of glycerine is $49 \times 10^{-5} \text{K}^{-1}$. What is the fractional change in its density for a 30°C rise in temperature?

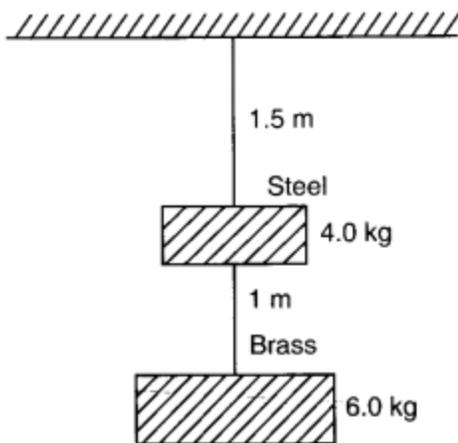
17. State and explain the first law of thermodynamics. What are the sign conventions?

18. State the principle of a refrigerator.

19. Why is latent heat of vaporization of a material greater than that of latent heat of fusion?

SECTION - C

20. Two wires of diameter 0.25 cm, one made of steel and other made of brass are loaded as shown in figure. The unloaded length of steel wire is 1.5 m and that of brass wire is 1.0 m. Young's modulus of steel is $2.0 \times 10^{11} \text{ Pa}$. Compute the elongations of steel and brass wires. ($1 \text{ Pa} = 1 \text{ N m}^{-2}$).



21. A steel wire 2 mm in diameter is stretched between two clamps, when its temperature is 40°C . Calculate the tension in the wire, when its temperature falls to 30°C . Given, coefficient of linear

22. A steam engine delivers $5.4 \times 10^8 \text{ J}$ of work per minute and services $3.6 \times 10^9 \text{ J}$ of heat per minute from its boiler. What is the efficiency of the engine? How much heat is wasted per minute?

23. A brass wire 1.8 m long at 27°C is held taut with little tension between two rigid supports. If the wire is cooled to a temperature of -39°C , what is the tension developed in the wire, if its diameter is 2.0 mm. Co-efficient of linear expansion of brass = $2.0 \times 10^{-5} \text{K}^{-1}$; Young's modulus of brass = $0.91 \times 10^{11} \text{ Pa}$

24. A gas in a closed container is heated, causing the lid of the container to rise. The gas performs 3J of work to raise the lid, such that it has a final total energy of 15J. How much heat energy was added to the system?

25. Calculate the work done during the isothermal Process?

26. What amount of heat must be supplied to $2.0 \times 10^{-2} \text{ kg}$ of nitrogen (at room temperature) to raise its temperature by 45°C at constant pressure? (Molecular mass of $\text{N}_2 = 28$; $R = 8.3 \text{ J mol}^{-1} \text{ K}^{-1}$)

27. A hydraulic automobile lift is designed to lift cars with a maximum mass of 3000 kg. The area of cross-section of the piston carrying the load is 425 cm^2 . What maximum pressure would the smaller piston have to bear?



St. PBN PUBLIC SCHOOL
ANNUAL EXAMINATION
CLASS XI
COMPUTER SCIENCE (OBJECTIVE & SUBJECTIVE)
(SUBJECT CODE-083)
SAMPLE PAPER

Time: 3 Hours

M.M:70

INSTRUCTIONS:

- All questions are mandatory
- Read the questions carefully before attempting.

Section-A

Each question carries one mark

(1×25=35M)

1. Credit card fraud may include
2. What will be the output of below Python code?

```
tupl=("ajay","rena","sam")  
  
print(tupl[-3:0])
```
3. What will be the output of following python code?

```
t1 = (53, 45, 7, 22, 29, 4)  
  
print(t1[1:2])
```
4. Which of the following will give error?

Suppose dict1= {"a":1,"b":2,"c":3}

```
print(len(dict1))
```
5. In Python, Tuples are immutable while lists are mutable. (T/F)
6. The index value of tuple start from
7. Write a python code that will delete key_value pair for key="tiger" in a given dictionary?

```
dic={"lion":"wild","tiger":"wild","cat":"domestic","dog":"domestic"}
```
8. What will be the output of python code?

```
d1={"abc":5,"def":6,"ghi":7}  
  
print(d1[0])
```

9. Mention any two inbuilt functions of tuple?
10. Consider, T1=(“TEA POT”, [1,2,’3’],’S’,(3,4,6),”book”,10)
What will be the output of : T1[1][2]*3
11. What are computer threats?
12. What will be the output of the following code :
`a=(23,34,65,20,5)`
`print(a[0]+a.index(5))`
13. is considered as the unsolicited commercial email.
14. What we call the operation which is used to extract particular range from a sequence?
15. Identify data type of ‘T’ in following line of code:
`T = list(tuple([1,2,3]))`
`print(type(T))`
16. Result of tuple slice is also a
17. Mention any two antivirus software?
18. What will be the output of the following code in python?
`T = [1,2,3,4]`
`T1=[5,6,7]`
`L=T.append(T1)`
`print(L)`
19. What type of error is returned by following statement?
`T = [1,2,3,4]`
`print(T.index(9))`
20. module in python implements many common statistical formulas.
21. Each time we use the random() function, it produces different results.(T/F)

22. What will be the output of `>>>print(math.fabs(-800))`
23. A function call cannot be made several times in a python module. (T/F)
24. refers to stealing one's idea or invention of others and use it for their own benefits?
25. refers to the violation of the principle if a computer is no more accessible?
26. What is full form of Wi-Fi-?
27. In ethical hacking and cyber security, there are _____ types of scanning:
28. In system hacking, which is the most crucial activity?
29. What are the types of scanning?
30. What is cyber security?
31. The term "TCP/IP" stands for_____
32. Which factor of the network gets hugely impacted when the number of users exceeds the network's limit?
33. When was the first computer virus created?
34. Viruses are
35. What are the types of cybercrimes?

Section- B

36. Fill in the Blanks : (1×7=7M)
- i. is a potential violation of security.
 - ii. A module can be classified as either or
 - iii. Online is a theft of personal information in order to commit fraud.
 - iv. The operator multiplies tuples.
 - v. is to arrange the tuple in an ascending or descending order.
 - vi. Digital footprints can be and
 - vii. Discarded electronic devices are called

Short Answer Type Questions (3×2=6M)

37. Why do people troll?
38. Why is the use of `import all` statements not recommended?

39. How can you use computers and internet to plan a vacation? Name a popular website that you think can be helpful.

Long Answer Type Questions

(4×3=12M)

- 40.** How secure is Biometric Authentication System?
- 41.** What is difference between Malware and Worm?
- 42.** What security measures should be taken against phishing attacks?
- 43.** Describe the measures to recycle your e-waste safely.

Case Study - based/Programming Based Questions

(2×4=10M)

44. The record of a student (Name, Roll No, Marks in five subjects and percentage of marks) is stored in the following list:

```
std = ['Reeva', 'D-12', [58,61,17,45,80], 67.6]
```

Write Python statements to retrieve the following information from the list studRecord.

- (i) Percentage of the student
 - (ii) Maximum marks of the student
 - (iii) Marks of the fifth subject
 - (iv) Roll No. of the student
- 45.** Mr. Ram is confused between Twitter and LinkedIn. With the help of examples, explain the difference between them. (4)
- 46.** Write a program in python to calculate the sum of the digits of random three digit number. (2)



**ST. PBN PUBLIC SCHOOL
ANNUAL EXAMINATION
CLASS – XI
SUBJECT – ENGLISH
SAMPLE PAPER**

TIME- 3 HRS.

MM. 80

GENERAL INSTRUCTIONS:

1. ALL QUESTIONS ARE COMPULSORY.
2. FOLLOW THE INSTRUCTIONS GIVEN WITH ALL QUESTIONS.

Q1. Read the passage given below.

10M

1. Long years ago, sometimes it seems many lives ago, I was at Oxford listening to the radio program Desert Island Discs with my young son Alexander. It was a well-known program (for all I know it still continues) on which famous people from all walks of life were invited to talk about the eight discs, the one book beside the Bible and the complete works of Shakespeare, and the one luxury item they would wish to have with them were they to be marooned on a deserted island. At the end of the program, which we had both enjoyed, Alexander asked me if I thought I might ever be invited to speak on Desert Island Discs. “Why not?” I responded lightly. Since he knew that in general only celebrities took part in the program, he proceeded to ask, with genuine interest, for what reason I thought I might be invited. I considered this for a moment and then answered: “Perhaps because I’d have won the Nobel Prize for Literature,” and we both laughed.

The prospect seemed pleasant but hardly probable. (I cannot now remember why I gave that answer, perhaps because I had recently read a book by a Nobel Laureate or perhaps because the Desert Island celebrity of that day had been a famous writer.)

2. In 1989, when my late husband Michael Aris came to see me during my first term of house arrest, he told me that a friend, John Finnis, had nominated me for the Nobel Peace Prize. This time also I laughed. For an instant Michael looked amazed, then he realized why I was amused. The Nobel Peace Prize? A pleasant prospect, but quite improbable! So how did I feel when I was actually awarded the Nobel Prize for Peace? The question has been put to me many times and this is surely the most appropriate occasion on which to examine what the Nobel Prize means to me and what peace means to me.

3. As I have said repeatedly in many interviews, I heard the news that I had been awarded the Nobel Peace Prize on the radio one evening. It did not altogether come as a surprise because I had been mentioned as one of the front runners for the prize in a number of broadcasts during the previous week. While drafting this lecture, I have tried very hard to remember what my immediate reaction to the announcement of the award had been. I think, I can no longer be sure, it was something like: “Oh, so they’ve decided to give it to me.” It did not seem quite real because in a sense I did not feel myself to be quite real at that time.

On the basis of your understanding of the passage, answer ANY TEN questions from the eleven that follow. (1×10 = 10)

1. Desert Island Discs was a:
 - a. Television program
 - b. Series of interviews of celebrities.
 - c. Radio program
 - d. Reading of the Bible.

2. The 'eight discs' probably refer to:
 - a. Flying discs or frisbees with which the marooned person can play on the island.
 - b. Musical tracks.
 - c. Eight plates for serving food.
 - d. Eight disc-like objects that the marooned person is fond of and would like to have on the island.

3. What prospect made the author and her son laugh?
 - a. The author could be invited to the Desert Island Discs show.
 - b. The author could be a famous writer.
 - c. The author could win the Nobel Prize for Literature.
 - d. The author could win the Nobel Peace Prize.

4. Which two kinds of book could the guests on the show not take with them to the deserted island?
 - a. The Bible and their autobiography.
 - b. A play of Shakespeare and the Bible.
 - c. All works of Shakespeare and the Bible.
 - d. All works of Shakespeare and books by Nobel Laureates.

5. What is the question that has been put to the author many times?
 - a. Will she be invited to the Desert Island Discs show?
 - b. Will she be given the Nobel Prize for Literature?
 - c. Who nominated her for the Nobel Peace Prize?
 - d. How did she feel when she was awarded the Nobel Prize for Peace?

6. Why wasn't the author surprised when she heard that she had been awarded the Nobel Peace Prize?
 - a. She knew that she was one of the front runners for the prize.
 - b. She was sure her nomination by John Finnis would get her the prize.
 - c. She had heard a number of broadcasts during the previous week which predicted her win.
 - d. She was under house arrest, and nothing affected her anymore.

7. How do we know that Desert Island Discs was a popular radio program?
 - a. All celebrities used to come on the show.

- b. It was still running years later when the author was writing the lecture of which the passage is a part.
- c. The author and her son enjoyed it.
- d. Everyone found the idea of being marooned on an island improbable but pleasant.

8. What news did the author receive in 1989?

- a. She had been awarded the Nobel Peace Prize.
- b. Her late husband had come to meet her.
- c. She had been nominated for the Nobel Peace Prize.
- d. She would be placed under house arrest.

9. 'Marooned' in para 1 means:

- a. Disowned
- b. Isolated
- c. Socially well connected
- d. Made to live in a healthy environment

10. 'Genuine' in para 1 means:

- a. Unreal feelings
- b. Pretence
- c. Honestly felt
- d. Inspirited

11. 'Appropriate' in para 2 means:

- a. Suitable
- b. Inapt
- c. Peaceful
- d. Unexpected

Q2. Read the passage carefully.

8M

1. Conversation is indeed the most easily teachable of all arts. All you need to do in order to become a good conversationalist is to find a subject that interests you and your listeners. There are, for example, numberless hobbies to talk about. But the important thing is that you must talk about other fellow's hobby rather than your own. Therein lies the secret of your popularity. Talk to your friends about the things that interest them, and you will get a reputation for good fellowship, charming wit, and a brilliant mind. There is nothing that pleases people so much as your interest in their interest.

2. It is just as important to know what subjects to avoid and what subjects to select for good conversation. If you don't want to be set down as a wet blanket or a bore, be careful to avoid certain unpleasant subjects. Avoid talking about yourself, unless you are asked to do so. People are interested in their own problems not in yours. Sickness or death bores everybody. The only one who willingly listens to such talk is the doctor, but he gets paid for it.

3. To be a good conversationalist you must know not only what to say, but how also to say it. Be mentally quick and witty. But don't hurt others with your wit. Finally try to avoid mannerism in your conversation. Don't bite your lips or click your tongue, or roll your eyes or use your hands excessively as you speak.

4. Don't be like that Frenchman who said, "How can I talk if you hold my hand?"

2.1 Make notes on the contents of above paragraph, using abbreviations. Supply a suitable title also. 5M

2.2 Make a summary of the passage.

3M

Q3. Design a poster on the topic "Say No To Plastics" 7M

Q4. Your brother Puneet is studying in class X in ST. PBN Public School. You have come to know that in school library, the copies of book containing the question bank in English are insufficient. Your brother has not been able to get the book. Write a letter to the Principal of the school requesting her to get more books for the library to meet the demands of the students. You are Vibha/Vaibhav, living at F-131, Gandhi Colony, Gurugram.

OR

Social media (Facebook, Twitter, etc.) is being used to create disaffection in society.' Write a debate in 125-150 words either for or against the motion. (7marks)

Q5. Fill in the blanks with suitable determiners.

4M

1. He has forgotten..... of the details, (some, many)
2. The District Magistrate visited..... flood affected area, (every, either)
3. He is the..... boy who has joined this gym. (first, whose)
4. I met her..... week, (this, those)

Q6. Fill in the blanks with the correct form of the verbs given in the brackets. 4M

1. The police four thieves last night, (catch)
2. I was food when he came in. (cook)
3. It since 9 o'clock, (rain)
4. I certainly my colleague if I had been there, (help)

Q7. Rearrange the following words or phrases to make meaningful sentences: 4M

1. a/ lover/ is/ animal/ passionate/ he
2. campaigned/ birds/ he/ caged/ free/ to
3. to/ her/ first/ Sudha/ stand/ hard/ class/ is/ studying/ in
4. healthy/ takes/ keep/ himself/ everyday/ exercise/ Kamal/ to

Q8. Read the extract given below and answer any two of the questions that follow.
5M

When did my childhood go?

Was it the time I realised that adults were not all they seemed to be,

They talked of love and preached of love,

But did not act so lovingly,

Was that the day!

1. Who is 'my' in the above lines?
2. Why is 'I' confused?
3. Explain "But did not act so lovingly".
4. Name the poem and the poet.
5. Who talk of love and preach of love?

Q9. Answer the following questions in 30-40 words. (ANY SEVEN) 7X3=21M

1. What are the reasons that are leading to depletion of our natural resources?
2. Various visionaries and academicians have warned against hazardous consequences if we do not wake up to our responsibilities towards the environment. Elaborate.
3. Where does Taplow meet Frank? What does Taplow feel about being there?
4. What was the purpose of author's journey to Mount Kailash.(silk road)
5. How is the cyclic movement of the rain brought out in the rain?
6. What punishment did the history teacher give to Albert for not answering his questions?
7. What problem does Mrs Pearson face?Who do you think is responsible for this state of affair?
8. What efforts did Andrew make to revive Susan Morgan?(Birth)

Q10. Answer the following question (ANY TWO) in about 100-120 words.
5X2=10M

- 1.Fertility falls as incomes rise, education spreads, and health improves." Justify. (Ailing Planet)
- 2.Compare and contrast the characters of Mrs Fitzgerald and Mrs Pearson. Who do you admire and why?(Mother's Day)
- 3.The narrator realized that the snow was both dangerous as well as beautiful. Justify.(silk road)



ST PBN PUBLIC SCHOOL

Physical Education

Sample Paper

Class – XI

Time : 3 hours

MM : 70

GENERAL INSTRUCTIONS :-

1. The question paper consists of 28 questions and all are compulsory.
2. Questions 1 - 12 carry 01 mark each .
3. Questions 13-16 carry 02 marks each and shall not exceed 40-60 words.
4. Questions 17-21 carry 03 marks each and shall not exceed 80-100 words.
5. Questions 22-28 carry 05 marks each and shall not exceed 150-200 words.

1. How many games are included in special Olympics Bharat?

- (a)15
- (b)24
- (c)20
- (d)18

2. How much is the interval between two subsequent Paralympic games?

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

3. When was international co-coordinating committee sports for the disabled created?

- (a)1982
- (b)1984
- (c)1974
- (d)1986

4. Elements of yoga can be explained in terms of:

- (a) Ashtanga yoga
- (b) Neti
- (c) Yama
- (d) Kapala Bhati

5. Which country has roots for practice of yoga ?

- (a) India
- (b)USA
- (c)UK
- (d) Australia

6. Which injuries are common in mountaineering?

- (a) Face
- (b) Shoulder
- (c) Fingers
- (d) All of above

7. A leader should not be:

- (a) Intelligent
- (b) Narrow minded
- (c) Punctual
- (d) Courageous

8. Which phase of development is from 9 to 12 years?

- (a) Early childhood
- (b) Late childhood
- (c) Adolescence
- (d) Infancy

9. Anabolic steroids affect directly -

- (a) Heart
- (b) Lungs
- (c) Muscles
- (d) brain

10. How many stages are there in learning a new skill?

- (a) 8
- (b) 4
- (c) 5
- (d) 3

11. Inclusive education provides perfect training of real life.(True/False).

12. Tapa is an important Yama.(True/False)

13. Briefly discuss about deaflympics.

14. Write a short note on meditation.

15. Elaborate paragliding in detail.

16. Discuss the role of a leader in brief.

17. What is the role of school counselor for students with special needs? Discuss in brief.

18. Explain the term 'pranayama' in detail.

19. Explain the terms ' growth and development'.

20. What are the side effects of anabolic steroids? Explain in brief.
21. Enlist the performance enhancing substances.
22. What is inclusion? Discuss the need of inclusive education.
23. Elucidate the procedure and benefits of Garudasana and Naukasana.
24. Give detailed notes on any two of the following:
 - (a) Yogic kriyas
 - (b) Pranayama
 - (c) Asanas
25. What are the objectives of adventure sports ? Explain any five in detail.
26. Explain the problems of adolescence in detail.
27. In the present scenario, how will you deal with the problem of alcohol and substance abuse?
28. What do you mean by physical methods? Explain the methods prohibited in the field of sports.