

St. Mary's School, Dwarka
Winter Holiday Homework
Class XI (Humanities Section)

General Instructions:

- 1) The work should be done neatly and in a systematic way.
- 2) The given questions are to be done in your respective subject notebooks.

Subject: English Core

Q1. You are Sachin/Somya, the School Leader of St. John School, Pune. In an age where youths are mostly addicted to gadgets and other devices, you feel the need to spread awareness about maintaining a healthy life. Write a speech in about 150-200 words on 'The Importance of Exercise and Yoga in a Student's Life'. (6)

Q2. Complete the following dialogue by filling the blank. (1/2x4=2)

Asha: Where do you get your clothes stitched?

Neha: I get a) _____ in Kamla Nagar.

Asha: They are beautiful. Who buys the material for your dresses?

Neha: The material b) _____ my mother.

Asha: And who designs your outfits?

Neha: c) _____ my sister.

Asha: You wore a red dress with embroidery yesterday. From where did you buy?

Neha: I d) _____ from my mother's friend who is a designer.

Q3. Read the following paragraph and fill in the blanks with appropriate form of verbs. (1/2 x4=2)

As soon as the shot wounded the elephant, it a) _____ (rush) back into the forest. I made an attempt to b) _____ (run) after it but c) _____ (can) not catch it. I d) _____ (lose) the animal in the dark and I returned home disappointed.

Q4. Read the sentence given below. They are not in the correct sequential order. Rewrite the sentences in proper sequence. (1x2=2)

i)

- a) A fierce battle was fought.
- b) Emperor Ashoka wished to expand the Mauryan Empire.
- c) Over a hundred thousand people died.
- d) He attacked the kingdom of Kalinga with a large army.

ii)

- a) It was kept in the dining room waiting to be hung.
- b) A picture had come from the frame makers.
- c) Aunt Podger asked what was to be done with it.
- d) “Oh, you leave that to me, I’ll do the job”, Uncle Podger said.

Q5. (i) Read the extract given below and answer the following question. (1x3=3)

Mrs Pearson: (taunting him) Why don’t you get off to your club? Special night tonight, isn’t it? They’ll be waiting for you-wanting to have a good laugh. Go on then. Don’t disappoint ‘em.

- i) Why is Mrs. Pearson unhappy with her husband?
 - a) He fought with him
 - b) She was not given money by him.
 - c) Her husband did not respect and value her.
 - d) He made fun of her.
- ii) The tone of the speaker is _____.
 - a) persuasive
 - b) kind
 - c) sarcastic
 - d) filled with rage
- iii) The expression ‘wanting to have a good laugh’ means that _____.
 - a) George’s club buddies are waiting for his jokes.
 - b) He himself is made fun of by his friends.
 - c) His friends love to have him around.
 - d) George’s friends tell him the latest jokes every day.

(ii) What is the parallel drawn between rain and music in the poem ‘The Voice of Rain’.

Explain in 40-60 words. (2)

(iii) ‘Gangadharpant had not been to this Bombay before.’ Show how this Bombay is different from the one he knew in 100-120 words. (3)

Subject: History

- Q1. Discuss how daily life was transformed as Japan developed? 3
- Q2. Do you think that Mao Zedong and the Communist Party of China were successful in liberating China and laying the basis for its current success? 3
- Q3. When was Guomindang Party formed? What were its objectives? 5
- Q4. Discuss the essential features before the Meiji restoration that made it possible for Japan to modernise rapidly. 5
- Q5. When was CCP founded? What was Russian influence in its formation? Discuss the role of Mao Zedong in it? 5

Subject: Political Science

- Q.1 What is the philosophy of Indian Constitution? Discuss. 3
- Q.2 Explain the role of the Election Commission of India. 3
- Q.3 How does the Election Commission of India ensure its independence? 5
- Q.4 Describe the powers and functions of the President of India. 5
- Q.5 How does the Indian Parliament control the Executive? 5

Subject: Economics

- Q1. Explain the implication of very large number of buyers under perfect competition.2
- Q2. Why is a firm price taker under perfect competition? Explain with the help of a schedule and diagram. 2
- Q3. Find out mean and median marks of the following marks distribution for 100 students 3

Marks	0–10	10–20	20–30	30–40	40–50
Number of Students	8	30	40	12	10

- Q4. There is an increase in market demand and market supply simultaneously. How will it affect the market equilibrium? 5
- Q5. A measure of central tendency is a value that represents a typical, or central, entry of a data set. The three most commonly used measures of central tendency are the mean,

median and mode. A way to measure the variation (or spread) of a data set is to find the range, variance and standard deviation. Annual Salaries: Sample annual salaries (in the thousands of dollars) for accountants in Dallas are listed. 41.6 50.0 49.5 38.7 39.9 44.7 44.7 47.8 40.5

- A) Using the annual salaries data set, find the mean, median, and mode. Mean.
- B) Interpret the meaning of each measure of central tendency (mean, median, mode) with respect to annual salaries?
- C) If the sample annual salary for Dallas is changed by adding the data point 72.3 Compute the mean.
- D) Which average is more suitable in this situation?
- E) Write any two demerits of median. 5

Subject: Mathematics

- Q1. There are 12 points in a plane, out of which 5 are collinear. How many lines can be constructed by joining two points? 2
- Q2. Convert $i(1 + i)$ in the polar form. 2
- Q3. Find the domain and the range of the following functions: 3
- (i) $\{ (x, \frac{x^2-1}{x-1}) ; x \in \mathbb{R}, x \neq 1 \}$ (ii) $\{ (x, \sqrt{4-x^2}) : x \in \mathbb{R} \}$
- Q4. Prove that $\cos 6x = 32\cos^6 x - 48\cos^4 x + 18\cos^2 x - 1$ 3
- Q5. (i) Show graphically that the following system of linear inequalities has no solution:
 $x + 2y \leq 3, 3x + 4y \geq 12, x \geq 0, y \geq 1$
- (ii) Find the general solution of the equation: $5\cos^2\theta + 7\sin^2\theta - 6 = 0$ 2.5+2.5

Subject: Geography

- Q1 What are Karewas? 1
- Q2 Discuss the climatic classification by V. Koeppen. 3
- Q3 Classify the Himalayas based on relief and alignment of the ranges and write the characteristics of Himalayas lying to the extreme northwest. 3
- Q4 Do you think that 'climate change is natural and continuous process and the earth has witnessed many changes since the beginning' justify the statement. 5

Q5 Locate and label the following features with appropriate symbol in the given political map of India: - 5

- 1) The northern division of eastern coastal plain.
- 2) Mark the state sharing international boundary with three countries.
- 3) Highest peak of southern India.
- 4) The river known as Dakshin Ganga.
- 5) A river flowing through the trough to drain in Arabian Sea.
- 6) Second highest peak of western ghat.

Subject: Physical Education

Q1. Explain the test, measurement, and evaluation. 5

Q2. Briefly explain the importance of test, measurement, and evaluation in sports. 5

Q3. Define test administration. Explain the instructions for these administrations. 5

Q4. Explain the body mass index and waist-hip ratio in detail. 5

Q5. Explain the procedure of measuring skin fold? 5

Subject: Psychology

Q1. In the following question, a statement of Assertion (A) is followed by a statement of Reason (R). Mark the correct choice. 1

Assertion (A): If you hide the toy Infront of the newborn child with which the child has been playing, he/she would react as if nothing has happened, i.e. s/he will not search for the toy.

Reason (R): According to Jean Piaget, an infant lacks object permanence.

(A) Both Assertion (A) and Reason (R) are true, and Reason (R) is the correct explanation of Assertion (A).

(B) Both Assertion (A) and Reason (R) are true, but Reason (R) is not the correct explanation of Assertion (A).

(C) Assertion (A) is true, but Reason (R) is false.

(D) Assertion (A) is false, but Reason (R) is true.

Q2. Why does illusion occur? 2

Q3. What is Piaget's hypothetical deductive reasoning? 2

Q4. Differentiate between classical and operant conditioning. 3

Q5. What is reinforcement? Differentiate among positive and negative reinforcers and punishment. 5