



GURU GOBIND SINGH PUBLIC SCHOOL, CHAS, BOKARO

Affiliated to CBSE, New Delhi

CLASS- XI

ASSIGNMENT

ENGLISH

Section-A READING

Q1- Read the following passage and answer the questions.

1.1. How did prisons originate?

1 We usually think of a prison as a place where men and women are locked up for breaking the law. But this is a very recent development in the history of prisons.

2 Centuries ago, nobles and men of importance were often captured and imprisoned for revenge or until they were ransomed. It was not until the 19th century that prisons began to be used for the punishment or correction of law violators.

3 Prisons before that time were places where those accused of breaking the law were held until the trial. After the prisoners were tried, the sentence of the court was immediately carried out. They were not sentenced to serve a term in prison. Those who had been declared guilty were put to death, whipped or given other forms of bodily punishment, or fined.

4 Gradually men began to see that this cruel treatment did not prevent crime. The result was that imprisonment began to be used as a substitute for death penalty and bodily punishment. 5 In England and in some of the European countries, places called "work houses" or "houses for correction" were established after about 1550. Those places were used to imprison beggars, vagabonds, family deserters, debtors, and those guilty of minor offences.

6 The workhouses were then right at hand for use as prisons for keeping more serious offenders. These workhouses were not safe enough for keeping long-term prisoners, and thus prisons began to be built which furnished greater security.

7 Most of these prisons were unfit places to keep human beings. They were dirty, badly lighted, and cold. Food was bad and the treatment was harsh. Prisoners were thrown together, whether they were young or old, first offenders or hardened criminals. There was no work for the training program. The inmates sat idle.

8 In the late 18th century, men began to urge that the prisons be improved and better methods of caring for prisoners be developed. Prisons changed considerably with time, and today more and more people are coming to believe that a prison should help bring about the reformation of the inmate. There are all kinds of extensive programs to train them, as well as medical and psychological help, recreational activity, and schooling.

1.1 On the basis of your reading of the passage complete/answer the following:

(i) Prison in the modern sense is a place where _____

(ii) But in the past prisons were used for _____ until they were ransomed.

(iii) After trial, guilty persons were punished with _____

(iv) When cruelty and death penalty did not prevent crime _____ was used as a substitute.

(v) "Houses of correction" were meant for _____

(vi) Some of the disadvantages prevalent there were :

(a) _____

(b) _____

(c) _____

(vii) Today to bring about reformation there are prisoners programmes such as _____ organized.

(viii) Now prisons are no longer used _____ but the government uses them for _____

1.2. Find words from the passage which mean the same as following:

(i) caught (para 2) _____ (ii) blamed (para 3)

_____ (iii) thing used in place of (para 4) _____ something/an alternative

(iv) wrong-doers (para 6) _____

Q2 Read the following passage and answer the questions that follow

Technical Writing

1. In today's fiercely competitive business environment, companies need to communicate information pertaining to a whole range of issues in a lucid and precise manner to their customers.

2. This is, particularly so in the case of companies which do business in areas such as manufacturing, information technology (IT), engineering products and services – companies whose products and services may not be understood by a customer not familiar with its technical aspects.

3. These communication materials are prepared in a company these days by technical writers – people who can effectively communicate to an intended audience.

4. The skills of a technical writer are being increasingly sought for preparing marketing documents such as brochures, case studies, website content and media kits and for the preparation of a whole range of manuals. Though technical writers in a company do a good portion of such work, the trend now is to outsource technical writing to free-lancers.

5. Technical writing and writing textbooks are poles apart. The former is aimed at those who do not have an in-depth knowledge about a product and hence should be direct and lucid. An overdose of technical terms and jargon would only add to the confusion of the customer.

6. The basic requirement for being a technical writer is near-total mastery over English language.

A technical writer should be natural in creative writing and needs to be an expert in using Business English.

7. This simply means that those with a Bachelor's degree in English Literature along with a diploma/degree in Journalism and having a Post Graduate Diploma in Computer Application (PGDCA) are ideal candidates for being employed as technical writers.

8. According to Joe Winston, Chief Executive Officer of 'I-manager', speaking ability is not imperative for a technical writer. All that one needs is the talent to write in a simple and effective manner. Many have inhibitions in speaking English but their writing skills would be very sharp.

9. Technical writing would be a good option for such people. If a candidate is to be assigned the task of preparing high-end technical manuals, he/she is required to have higher qualifications such as an M.A., M.Phil. in English Literature and a degree such as M.C.A.

10. Companies look for such qualifications because technical writers need to understand the technical information themselves, before trying to communicate it in de-jargonized language to the potential customers.

11. However, it is also true that many companies provide rigorous on-the-job training to fresh technical writers before allowing them to graduate to high-end products.

12. Though the demand for good technical writers has risen sharply over the years emphasis is never on number but on skills.

13. They point out that even graduates of English Literature are often found when it comes to creative and effective writing.

14. Merely having the right mix of writing and comprehension

skills are not sufficient. A technical writer should keep his 'writing blades' constantly sharpened. It means untold hours of reading up the latest in the technology trends and constant honing of one's business English and writing skills. The nature of technical writing is such that a writer has to be at the peak of his expressive power in the piece of writing he produces.

15. A career in technical writing is seen as good choice for woman mainly because it is widely held that women are more adept at creative writing than men and these to be do not entail graveyard shifts or 'arduous' travelling.

16. A beginner can expect to be paid anywhere between Rs. 8,000 and Rs. 15,000 a month. Technical writers usually join as executive technical writer and then go to become senior technical writers, team leaders, documentation held and even manage to make it to a management job within a decade. As in most sector jobs, merit is the main criterion for rise in job and not necessarily the number of years one has put in.

2.1 Make notes using recognizable abbreviations use proper format.

2.2 Find words from the above passage which means the same as :

- a) Clear (para 1)
- b) Continuous (para 14)
- c) Difficult (para 15)

Section - B

Advanced Writing Skills

Q.3 You are Praveen/Prabha. As the Secretary, Science Club of your school, write a Notice informing students about an Inter-School Science Exhibition and encouraging them to participate in it.

Q.4 In schools and the colleges, a great stress is laid on the importance of discipline in life. The previous day your school principal delivered a lecture about discipline in life. You were greatly impressed by him. You decided to reproduce his ideas in a form of a speech for your school magazine. Write his ideas including your own in about 200 words on the 'Importance of discipline in life'

Q.5 You are Ravi/Rashi staying at 12 vaibhav apartments Indore. Last month you purchased a computer from RK dealers, Gandhi market Indore with a warranty of two years. All of a sudden it has stopped functioning. Write a letter to the dealer complaining about it and request to replace it against the warranty that goes with it.

SECTION-C (GRAMMAR)

Q.6. The following passage has not been edited. There is one error in each line. Underline the incorrect word and write the correction in the space provided.

Thomas Edison is an American Scientist. a) _____
He have made many inventions. b) _____
Once he was worked on making an c) _____
electric bulb. He would sure that d) _____
his bulb is replace gas lights e) _____
He want to give the people a safe gift. f) _____

Q.7. Fill in the blanks with suitable determiners:

You're going to take life away from _____ man with _____
belief that you will take it back. This is _____ enormous step.
_____ Precious life is at stake. You must perform to the best
of _____ ability to save _____ patients' life.

Q.8. Combine the following sets of sentences using clauses:

- i) You have met Ashok. He is my friend's brother.
- ii) A laser is a new device. It makes light shine in a red beam.

Q.9. Rearrange the following words in meaningful sentences:

- i) the / had / crying / been / the / child / hours / two / last / for

ii) fly / to escape / south / starvation / to / chill / and / they

SECTION - D

Textbooks

Q.10(a) Read the following extract and answer the questions that follow.

The whole tree trembles and thrills.

It is the engine of her family

She strokes it full, then flirts out to a branch end

Showing her barred face identity mask.

(1) Why does the whole tree tremble and thrill?

(2) Why does the poet refer to the engine? How does she 'stroke it full'?

(3) How does the goldfinch appear?

Q.10 (b) Answer any 2 of the following in upto 30 words each

(1) What importance does the poet attach to his learning of adult hypocrisy?

(2) The poet's mother laughed at the snapshot. What did this laugh indicate?

(3) Why does rain say "I give back life to my own origin"?

Q.11 Answer the following questions in 30 words.

(a) Which thought about the grandmother was often revolting and for whom?

(b) What were the funerary treasures found in the pharaoh's tomb?

(c) When did Ranga plan to marry and why?

Q.12 Answer the question in 100-125 words.

(a) Write the character sketch of Grandmother

OR

(b) How are classical Chinese paintings different from the European paintings?

Q.13 Answer the following in about 30 words.

(a) Why did Aram find it hard to believe that Maurad had stolen the horse?

OR

(b) How did the narrator realize that she had come to the right address?

CLASS- XI

ASSIGNMENT

HINDI

परियोजना कार्य

कबीर, मीराबाई तथा सुमित्रानंदन पंत

उपरोक्त साहित्यकारों का चित्र सहित जीवन परिचय, साहित्यिक परिचय तथा उनकी किसी एक रचना का वर्णन करते हुए फाइल बनाइए।

पत्रकारिता पर आधारित प्रश्न उत्तर (20 प्रश्नों) फाइल में तैयार करें।

अभ्यास कार्य

पाठ्य पुस्तक आरोह भाग 1

स्पीति में बारिश तथा घर की याद पाठ के प्रश्न-उत्तर तथा परीक्षा अभ्यास याद करें।

CLASS- XI

ASSIGNMENT

SANSKRIT

1)पाठ-8 एवं 9 से पठित गद्यांश एवं पठित नाट्यांश बनाएं।

पर्याय शब्द याद करें।

2)दो अपठित गद्यांश बनाएं।

3)मातृ एवं पितृ का शब्दरूप लिखकर याद करें।

4)गद्यसाहित्य एवं पद्यसाहित्य की विशेषता लिखकर याद करें।

CLASS- XI

ASSIGNMENT

MATHS

Chapter – 7 (Permutation and Combination)

Exercise 7.1: All questions from NCERT Book.

Exercise 7.2: All questions from NCERT Book.

Exercise 7.3: All questions from NCERT Book.

Exercise 7.4: All questions from NCERT Book.

NOTE: All questions are to be solved in separate copy and then submitted.(B Mishra)

CLASS- XI

ASSIGNMENT

PHYSICS

1. State Newton's second law of motion .Hence derive the equation of motion $F=ma$.
2. Show that Newton's second law is the real law of motion.
3. State and Prove the impulse Momentum theorem.
4. Derive Law of Conservation of Linear Momentum from Newton's third law of motion.
5. What are concurrent forces? Prove that under the action of three concurrent forces F_1 , F_2 and F_3 , a body will be in equilibrium, when $F_1 + F_2 + F_3 = 0$.
6. What is the need for banking a road ? Derive an expression for the maximum velocity required for a car on a banked road by taking into account the force of friction for safe turn.
7. What is meant by centripetal acceleration? Using vector and calculus method derive an expression for the centripetal acceleration.
8. What is uniform circular motion? Derive a relation between the angular velocity and linear velocity of a particle in uniform circular motion.
9. Why does a cyclist bend inward while negotiating a curve ? Explain with a diagram.
10. A circular road of radius 50 metre has the angle of Banking equal to 30 degree. At what speed should a vehicle go on this road so that the friction is not used?
11. The bob of a simple pendulum of length 1 metre has mass 100 gram and a speed of 1.4 metre per second at the lowest point in its path. Find the tension in the string at this instant.
12. A particle moves in a circle of radius 1 cm at a speed given by $v = 2t$ where V is in cm/s and t in secondfi.(a)Find the radial acceleration of the particle at $t = 1$ second.(b) Find the tangential acceleration at $t = 1$ second.(c) Find the magnitude of the acceleration at $t = 1$ second.

13. A block of mass 2kg placed on the long frictionless horizontal table is pulled horizontally by a constant force F. It is found to move 10 metre in the first two seconds. Find the magnitude of F.
14. A balloon with mass M is descending down with an acceleration a ,where a is less than g. What mass m of its contents must be removed so that it starts moving up with an acceleration a ?
15. A block of mass 2 kkg hanged with a rope is going upward with an acceleration of 2 m/s^2 . Calculate the tension in the rope.
16. A bullet of mass 20 gram is fired by a gun of mass 20kg. if the muzzle speed of the bullet is 100 metre per second ,What is the recoil speed of gun?
17. A mass of 5 kg is acted upon by a force of 1 N .starting from rest ,how much is distance covered by the mass in 10 second ?
18. A person of mass 60 kg is inside a lift of mass 940 kg and presses the bottom on control panel. The lift starts moving upward with an acceleration 1 m/s^2 . find the tension in the supporting cable if $g = 10 \text{ m/s}^2$.
19. A soda water bottle is falling freely .Will the bubbles of the gas rise in the water of the bottle ?
20. Why a gun recoils back when it is being fired ?

CLASS- XI

ASSIGNMENT

CHEMISTRY

1. Chapter-5(States of matter)

Solve NCERT exercise

OR

2. Chapter-6(Thermodynamics)

Solve NCERT exercise

(Do it in separate copy)

CLASS- XI

ASSIGNMENT

BIO

Chapter – 13 Photosynthesis in higher plants.

1. Draw the flow chart of Calvin cycle.
2. Draw and explain Hatch and Slack pathway.
3. Explain Z Scheme with the help of diagrammatic representation.

Chapter -18 Body Fluids and circulation.

1. Draw a well labelled diagram of Human Heart.
2. Make the diagrammatic representation of ECG.
3. Draw a schematic plan of blood circulation in body.

NOTE: Do the assignment in Report File.

CLASS- XI

ASSIGNMENT

COMPUTER SC

Q. 1 What do you mean by string ? How do you traverse through a string ? Explain by an example.

Q. 2 Explain the functioning of following basic operators on string by example –

- a) Concatenation Operator +
- b) Replication Operator *
- c) Membership Operators 'in' and 'not in'
- d) Comparison Operators ==, >, <, !=

Q. 3 What do you mean by String Slices ? Give different syntaxes in which we can take string slices.

Q. 4 Explain following string functions with example –

- a) string.capitalize()
- b) string.find(substring, start, end)
- c) string.isalnum()
- d) string.isalpha()
- d) string.isdigit()
- e) string.lstrip()

CLASS- XI

ASSIGNMENT

PE

Record File shall include:

Practical-1: Labelled diagram of 400 M Track & Field with computations.

Practical-2: Computation of BMI from family or neighbourhood & graphical representation of the data.

Practical-3: Labelled diagram of field & equipment of any one game of your choice out of the above list.

Practical-4: List of current National Awardees (Dronacharya Award, Arjuna Award & Rajiv Gandhi Khel Ratna Award)

Practical-5: Pictorial presentation of any five Asanas for improving concentration.