

## ENGLISH

### **General Instructions:**

- 1. Read the newspaper daily with special emphasis on school based reports, advertisements, posters and articles. Pay attention to the language used.**
- 2. Attempt the following questions in English Registers.**
- 3. Date of submission is 23 June,2023.**

### READING

**Q1. Read the passage and on the basis of your understanding of the passage answer the questions given below:**

1. I was only a year and some months younger than Valodya; we grew up, studied and played together. No distinction of elder and younger was made between us. But just about the time I am speaking of I began to realize that I was no companion for him, either in age, in interests or in ability. It even seemed to me that Valodya himself was aware of his superiority and was proud of it. This idea (it may have been a wrong one) was inspired by my vanity which suffered every time I came in contact with him. He was better than me in everything; at lessons, in arguments and in manners, and all this took me farther from him and caused me moral anguish which I could not understand. When Valodya was given a tucked linen shirt for the first time I was unhappy for not having a shirt like that. I am sure I would have felt happier if I was convinced that every time, he arranged his collar it was not done to annoy me.

2. What tormented me most was that it sometimes seemed to me Valodya understood what was going on inside me but tried to hide it. But perhaps my sensitiveness and tendency to analyse deceived me in this case. It may be Valodya did not feel at all as I did. He was impulsive and his enthusiasm in different hobbies did not last long.

3. He would suddenly develop a passion for pictures, himself take up painting, spend all his money buying them and beg them of his drawing master, of papa and of grandmamma. Then it would be a craze for curios to decorate his table, collecting them from every room in the house, or a mania for novels which he obtained on the sly and read all day and night. I could not help being impressed by his hobbies but I was too proud to imitate him and too young and not independent enough to choose a hobby for myself. But there was nothing I envied so much as Valodya's happy large heartedness which showed itself most strikingly when we quarrelled. I always felt that he was behaving well but I could not do likewise.

4. Once when his passion of ornaments was at its height, I went up to his table and accidentally broke an empty bright-coloured little scent bottle. "Who asked you to touch my things?"

demanded Valodya coming into the room and seeing how I had upset the symmetry of the different treasures on his table. “And where is the scent bottle? You must have....”

5. “I knocked it over by accident and it broke. What does it matter?” “Do me the favour-never dare touch my things again”, he said, putting the pieces of broken flask together and looking at them sorrowfully. “And you please don’t issue orders” I retorted, “that’s all.” And I smiled, though I did not feel in the least like smiling. “Yes, it’s nothing to you but it does matter to me,” pursued Valodya, jerking his shoulder, a gesture he had inherited from pap. “He goes and breaks it and then laughs, the nasty little brat!” “I am a little brat; and you’re big but you’re stupid.” “I am not going to quarrel with you,” said Valodya, giving me a slight push, “go away.” “Don’t push!” “Get away!” “Don’t push, I tell you!” Valodya took my word and tried to drag me away from the table; but I was beside myself by now; I got hold of the leg of the table and tipped it over. “There now!” And all his China and glass ornaments crashed to the floor. “You disgusting little boy!” cried Valodya, trying to save some of his falling treasures. “Well, now it is all over between us,” I thought as I left the room, “we have quarrelled for good.”

6. As soon as afternoon lessons were over, I left the room. I was too scared, uncomfortable and ashamed to be alone with my brother. After our history lesson in the evening, I took my exercise books and started towards the door. As I passed Valodya, though I wanted to go up to him and make friends I scowled and put on an angry expression. At that moment Valodya raised his head and, with a meaningful smile, looked me full in the face. Our eyes met and I knew that he understood me; but some irresistible feeling made me turn away.

7. “Nicky!” he said in a most natural voice without a scrap of pathos. “Don’t be cross any more. Forgive me if I offended you.” And he held out his hand. Something that came higher and higher seemed to be pressing my chest and stopping my breath but this only lasted a second; tears came to my eyes and I felt better. “Forgive...m-me, Val-dya,” I stammered, squeezing his hand. Valodya looked at me as if he could not make out at all why there should be tears in my eyes. - Leo Tolstoy

**On the basis of your reading of the above excerpt, answer the following questions briefly:**

- (a) Why did Nicky feel that he was not an apt companion for Valodaya?
- (b) Which aspect of Valodya’s personality was Nicky most upset about?
- (c) Why did Nicky feel uncomfortable and ashamed to be alone with his brother?
- (d) What did Nicky do to show that he was sorry for all that he had done in the morning? (e) Was the narrator repentant for his behavior? How do you know?
- (f) What does Valodaya’s behavior show about his character?
- (g) **Choose the correct option:**

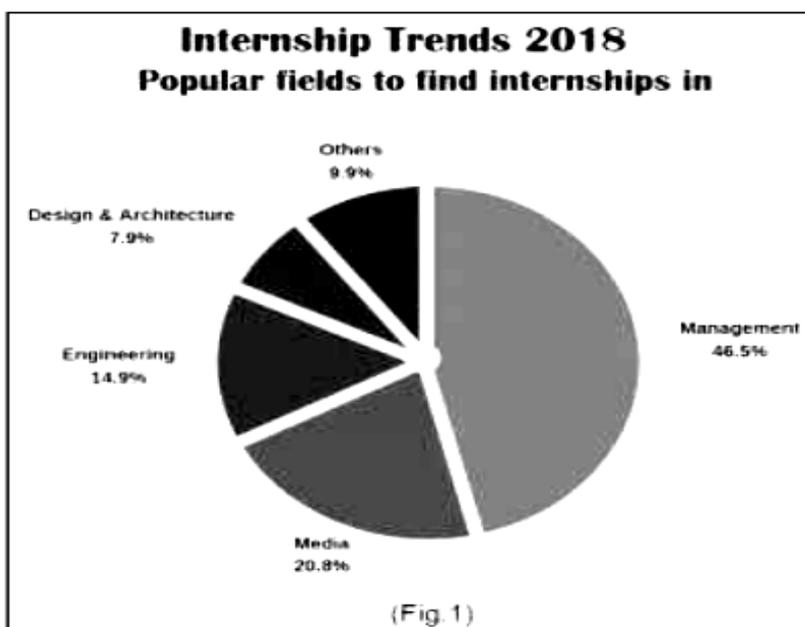
**Which of the following is NOT true for Valodaya?**

- (i) He was fond of reading.
  - (ii) He was inclined towards painting.
  - (iii) He was reckless with money.
  - (iv) He liked collecting curios and works of art.
- (h) “I am a little brat, and you’re big but you are stupid.” This line highlights that Nicky –
- (i) was disrespectful towards his brother
  - (ii) was impulsive and volatile, but loved his brother
  - (iii) was jealous of his brother
  - (iv) was unapologetic towards his brother
- (j) Give the synonym of ‘pride’ (para 1) and the antonym of ‘comforted’ (para 2)

**Q2. Read the passage and on the basis of your understanding of the passage answer the questions given below:**

I. Over the last five years, more companies have been actively looking for intern profiles, according to a 2018-19 survey by an online internship and training platform. This survey reveals that India had 80% more internship applications — with 2.2 million applications received in 2018 compared to 1.27 million in the year before. The trend was partly due to more industries looking to have fresh minds and ideas on existing projects for better productivity. What was originally seen as a western concept, getting an internship before plunging into the job market, is fast gaining momentum at Indian workplaces.

II. According to the survey data, India’s National Capital Region has been the top provider of internships, with a total of 35% internship opportunities, followed by Mumbai and Bengaluru at 20% and 15%, respectively. This includes opportunities in startups, MNCs and even government entities. The survey also revealed popular fields to find internships in (Fig.). There has been growing awareness among the students about the intern profiles sought by hiring companies that often look for people with real-time experience in management than B-school masters.



III. The stipend has been an important factor influencing the choice of internships. The survey data reveals that the average stipend offered to interns was recorded as ₹7000 while the maximum stipend went up to ₹85,000. According to statistics, a greater number of people considered virtual internships than in-office internships. Virtual internships got three times more applications than in-office, since a large chunk of students were the ones already enrolled in various courses, or preferred working from home.

IV. Internship portals have sprung up in the last three to four years and many of them already report healthy traffic per month. Reports suggest that on an average, an internship portal company has around 200,000-plus students and some 8,000 companies registered on it. It gets around two lakh visits online every month. The Managing Director of a leading executive search firm says that though these web platforms are working as an effective bridge between the industry and students, most established companies are still reluctant to take too many interns on board for obvious reasons.

**Based on your understanding of the passage, answer any six out of the eight questions by choosing the correct option.**

1. Select the correct inference with reference to the following:

Over the last five years, more companies have been actively looking for intern profiles...

- The past five years have seen active applications by interns to several companies.
- The activity for intern profiling by the companies has reached a gradual downslide over the past five years.
- There were lesser companies searching for intern profiles earlier, as compared to those in the recent five years.
- Several companies have initiated intern profiling five times a year in the recent past.

2. Select the central idea of the paragraph likely to precede paragraph I.

- Process of registering for internships
- Knowing more about internships
- Do's and Don'ts for an internship interview
- Startups and internships

3. Select the option that displays the true statement with reference to Fig 1.

- Internships for Engineering and Management are the top two favourites.
- Design & Architecture internships are significantly more popular than others.
- Internships for Media and Others have nearly equal popularity percentage.
- Management internships' popularity is more than twice that for Media.

4. Based on your reading of paragraphs II-III, select the appropriate counter-argument to the given argument.

Argument: I don't think you'll be considered for an internship just because you've been the student editor and Head of Student Council.

- I think I have a fair chance because I'm applying for a virtual position than an

- in-office one.
- b. I have real-time experience in managing a team and many companies consider it more meritorious than a degree in Management.
  - c. I know that my stipend might be on the lower side but I think that it's a good 'earn while you learn' opportunity.
  - d. Lot of metro-cities have a good percentage of positions open and I think I should definitely take a chance.
5. The survey statistics mention the average stipend, indicating that
- a. 50% interns were offered ₹85,000.
  - b. ₹7,000 was the lowest and ₹85,000 was the highest.
  - c. most interns were offered around ₹7,000.
  - d. No intern was offered more than ₹7,000.
6. The phrase 'healthy traffic' refers to the
- a. updates from portals about health and road safety.
  - b. statistics about adherence to traffic rules by the portals.
  - c. sizeable number of visitors to the portal per month.
  - d. monthly data about the health of internship applicants.
7. Read the two statements given below and select the option that suitably explains them.
- (1) Established companies are reluctant to take too many interns on board.
  - (2) Probability of interns leaving the company for a variety of reasons, is high.
- a. (1) is the problem and (2) is the solution for (1).
  - b. (1) is false but (2) correctly explains (1).
  - c. (1) summarises (2).
  - d. (1) is true and (2) is the reason for (1).

### WRITING

1. Choose any one of the chapters given below and make a book cover on the same, on A3 size sheet:
  - **The Last Lesson**
  - **Lost Spring**
  - **Deep Water**
  - **My Mother at Sixty-Six**
  - **The Third Level**
  - **The Tiger King**
2. Prepare an attractive poster on the theme 'Climate Change and the World in 2050'
3. **The Minister of Surface Transport and Highways, Government of India, New Delhi has invited financial and technical collaboration from well-known corporate houses for the upgrade of the existing highways and the construction of new high-tech highways and expressways.**

Write a letter to the Editor of a national daily in about 120-150 words, lauding the decision. Give reasons to support the view that this decision will tremendously improve the highway

infrastructure and boost the economy through better, more comfortable, and safer movement of passengers and cargo.

4. You are Minto Mathews, the President of the School's Gardening Club. The club is organizing a drive for promoting gardening as a hobby and as environment conservation campaign. Draft a notice in about 50 words, for the school notice board, addressing the students of all classes, informing them about the drive and urging them to do their best to make it a success. Mention the proposed distribution of free saplings on the occasion and a talk on 'Useful Gardening Tips'
5. The number of women in the police force seems insufficient especially when we see the increasing involvement of women in terrorist activities. Write an article in 150-200 words for The Hindustan Chronicle, on the need of having more women in the police force.
6. **Road Safety is one of the top priorities of the government, for accidents result in the incalculable loss of lives and property. Your school recently observed a Road Safety Week in collaboration with the District Traffic Police.**

As a student correspondent of your school magazine 'The Sentinel', write a report in 120-150 words reporting the various activities carried out by the school students during the week.

**Including the following points in your report:**

- Inauguration by Nilesh Shrivastav, IPS, DCP, Traffic
- A Short Film on Road Safety
- Road Show Road Safety Declamation Contest
- Poster Making
- Bicycle Rally flagged off by the School Principal
- A Written Test on Road Signs

### LITERATURE

7. **Attempt the questions given below in 150 words each.**
  - a) "We've all a great deal to reproach ourselves with" said M.Hamel. Refer to the context and explain what he wanted to convey to his students.
  - b) Mukesh is not like the others. His dreams loom like a mirage amidst the dust of streets that fill his town Firozabad". Justify the statement in the light of contrast in the mindsets of Mukesh and the people of Firozabad.
  - c) The story 'The Tiger King' by Kalki seems to suggest that destiny is more powerful than human effort. Do you agree or disagree? Give reasons in support of your view.
  - d) Imagine the mother gets to know of the poet's fears. Write a letter, as the mother, telling the daughter why she must not dwell on these fears. (My Mother at Sixty-Six)

## ECONOMICS

**Date of submission: 16 June,2023**

Make a project to analyse and evaluate real world economic scenarios using theoretical constructs and arguments. The project should be of 3,500-4,000 words (excluding diagrams & graphs) and should be hand-written. It will be an independent, self-directed piece of study.

### **Scope of the project:**

Learners may work upon the following lines as a suggested below:

- A. Choose a title/topic.
- B. Collection of the research material/data
- C. Organization of material/data
- D. Present material/data
- E. Analysing the material/data for conclusion
- F. Draw the relevant conclusion.
- G. Presentation of the Project Work

### **Expected Checklist:**

- Introduction of topic/title
- Identifying the causes, consequences and/or remedies
- Various stakeholders and effect on each of them
- Advantages and disadvantages of situations or issues identified.
- Short-term and long-term implications of economic strategies suggested during research.
- Validity, reliability, appropriateness, and relevance of data used for research work and for presentation in the project file.
- Presentation and writing that is succinct and coherent in project file.
- Citation of the materials referred to, in the file in footnotes, resources section, bibliography etc.

### **Suggested topics:**

1	Micro and Small-Scale Industries
2	Food Supply Channel in India
3	Contemporary Employment situation in India
4	Disinvestment policy of the government
5	Goods and Services Tax Act and its Impact on GDP
6	Health Expenditure (of any state)
7	Human Development Index
8	Inclusive Growth Strategy
9	Self-help group

10	Trends in Credit availability in India
11	Monetary Policy Committee and its functions
12	Role of RBI in Control of Credit
13	Government Budget & its Components
14	Trends in budgetary condition of India
15	Exchange Rate determination – Methods and Techniques
16	Currency War – reasons and repercussions
17	Livestock – Backbone of Rural India
18	Alternate fuel – types and importance
19	Sarva Shiksha Abhiyan – Cost Ratio Benefits
20	Golden Quadrilateral- Cost ratio benefit
21	Minimum Support Prices
22	Relation between Stock Price Index and Economic Health of a Nation
23	Waste Management in India – Need of the hour
24	Minimum Wage Rate – Approach and Application
25	Digital India- Step towards the future
26	Rainwater Harvesting – A solution to water crisis
27	Vertical Farming – An alternate way
28	Silk Route- Revival of the past
29	Make in India – The way ahead
30	Bumper Production- Boon or Bane for the farmer
31	Rise of Concrete Jungle- Trend Analysis
32	Organic Farming – Back to the Nature
33	Aatmanirbhar Bharat
34	e-Rupee (e- ₹)
35	Sri Lanka’s Economic Crisis
36	Sustainable Development Goals (SDG’s)
37	Environmental Crisis
38	Comparative Study of Economies (Maximum three economies)
39	New Education Policy (NEP) 2020: A Promise for a New Education System
40	G-20: Inclusive and Action Oriented
41	Amrit Kaal: Empowered and Inclusive Economy
42	Cashless Economy

## GEOGRAPHY

**Date of submission: 19 June, 2023**

### **1. Complete your Practical file of Geography.**

Each student has to make a practical file representing various types of data representation techniques.

Instructions –

- a) Use only A3 Size white one side ruled one side plain sheets (Note A3 size is more the double the size of regular sheets).
- b) Use only thin tip black gel pen to write your practical. (Note blue pen is not allowed)

c) Write in neat and clean legible hand writing.

## 2. Map Assignment

Complete the map activity given in the Geography register only.

(Fundamentals of Human Geography)-

Unit-2 Ch. 2 to 4 1 The largest country in each continent in terms of area.

Unit-3 Ch. 5 to 7 1 Areas of subsistence gathering primary activities

2 Major areas of nomadic herding of the world

3 Major areas of commercial livestock rearing

4 Major areas of extensive commercial grain farming

5 Major areas of mixed farming of the World.

Units - 6 & 7 (India - People and Economy)

Ch. 1 to 4 • State with highest level of urbanization and lowest level of urbanization

• One state with highest level of HDI & One lowest level of HDI

• State with higher level of population density & one state with lowest level of population density (2011)

• Any city with more than 10 million population – Greater Mumbai, Delhi, Kolkata, Chennai, Bengaluru

Unit - 8 Ch. 5 - Leading producing states of the following crops: (a) Rice (b) Wheat (c)

Cotton (d) Jute (e) Sugarcane (f) Tea and (g) Coffee

## 3. Assignment – Questions

Q.1. State some examples of metaphors used to describe the physical and human phenomena.

Q.2. Describe the fields and sub-fields of Geography and its inter-relationship with other fields.

Q.3. Differentiate between Determinism and Possibilism.

Q.4. Differentiate between Humanistic or Welfare School of Thought and Behavioral School of Thought.

Q.5. Differentiate between Nomothetic and Ideographic Dualism.

Q.6. What is the new concept of Griffith Taylor in the field of Human geography? Describe this concept with examples.

Q.7. Which are the factors that influence the distribution of population in the world.

Q.8. What are the three components of population change?

Q.9. Distinguish between Push factors and pull factors of migration.

Q.10. Discuss the three stages of demographic transition.

Q.11. Explain the trends in population growth of the world with special reference to the help of science and technology.

Q.12. What are footloose industries?

Q.13. Discuss the major trends of modern industrial activities especially in the developed countries of the world.

Q.14. Describe the factors that affect the location of industries.

Q.15. Distinguish between small scale & large scale manufacturing industry.

Q.16. What is cooperative farming? Explain few of its advantages.

Q.17. “Dairy farming is the most advanced and efficient type of rearing of milch animal in the world”. Analyse the statement with proper examples.

Q.18. What are two different methods of mining? Explain the factors affecting mining

activities in the world.

Q.19. Explain any five significant characteristics of collective farming.

Q.20. "Mediterranean Agriculture is highly specialized commercial agriculture." Discuss the statement by giving suitable arguments.

## PSYCHOLOGY

**Date of submission: 20 June, 2023**

1. Develop a case profile of an individual exhibiting any of the following:
  - a.) Is a prodigy and exhibits superior/ability in any of the domains (sports, music, academics, etc.)
  - b.) Requires career counseling
  - c.) Has a dysfunctional family.
  - d.) Has any of the following difficulties - learning disability, ADHD, speech delays, physical ailment, which acts as a hindrance in everyday functioning.
2. Give a critical review of any movie/book that depicts a psychological disorder. (15 Park Avenue, Black Swan, Sybil, Joker, etc.)
3. Introductory content for practicals to be written in the practical file.

## PHYSICAL EDUCATION

**Date of submission: 22 June 2023**

**To be done in Record/Practical File.**

1. Practical-1: Fitness test administration for all items.
  2. Practical-2: Procedure for Asanas, benefits & contraindication for any two Asanas for each lifestyle disease.
  3. Practical-3: Procedure for administering Senior Citizen Fitness Test for 5 elderly family members.
  4. Practical-4: Any one game of the student's choice from the list below. Labelled diagram of field & equipment (Rules, Terminologies & Skills) of the same game. Basketball, Football, Kabaddi, Kho-Kho, Volleyball, Handball, Hockey, Cricket, Bocce & Unified Basketball (CWSN).
- Record File should be of the new pattern.

### **Assignment**

**Complete the following assignment in P.ED notebook.**

1. Write about the objectives of intramural tournaments.
2. Discuss a method you would choose to spread health awareness and harmony in your area.  
Support your answer with reasons.
3. Describe corrective measures for some common spinal postural deformities.
4. Write down the procedure and contraindications of Matsyasana in detail.
5. Discuss different types of tournaments.
6. Explain various benefits of Women's participation in Sports.

## COMPUTER SCIENCE

**Date of Submission:** 22 June, 2023

### **GENERAL INSTRUCTIONS:**

- Code for the following programs to be printed on A4 size sheets along with the snapshot of the output
  - Font for the Code: Courier New: Font-size – 12
  - Only one program and its output to be printed on one A4 size sheet
1. Write a program to check if the given number (positive Integer) is prime or not.
  2. Write a program to reverse a given string
    - a. Using iterative statements in Python
    - b. Using Slicing Method in Python
  3. Write a program to remove all odd numbers from a given list (without using Python in-built functions)
  4. Write a program to find and display the sum of all the integers (positive/negative) that have 3 in the units place in a tuple.
  5. Write a Python program to create and print a dictionary where the keys are numbers between 1 and n (both included); when n is given by the user and the corresponding values are the square of the keys.
  6. Write a program in Python to use standard library- Math and perform the following-
    - a. Find the Area of a circle
    - b. Find the square root of a given number
  7. Write program in Python to find the area of- circle, square, rectangle, trapezium, sphere and cylinder with the help of user defined functions
  8. Write a menu-driven program in Python to create a calculator with the help of user defined functions
  9. Write a user defined function that takes a given number as an input argument and returns the Fibonacci series upto the given number from the function.
  10. Write a function EOReplace() in Python, which accepts a list L of numbers. The function returns the list after incrementing all numbers with 3 in the units place by 1 and decrementing all numbers with 5 in the units place by 1.