



GPS OLYMPIAD 2023-24

SAMPLE PAPER

CLASS 9th

Total Question: 90

Duration: 2 hrs

Sections	(A) English	(B) Mathematics	Paper Pattern			
			(C) Mental Ability	(D) Science	(E) Social Studies	(F) Current Affairs
No. of Questions	15	15	15	15	15	15

Marking Scheme: There is no negative marking. Every correct response shall be rewarded with 1 mark.

Instructions:

1. This question booklet contains consecutively numbered pages. If a page(s) is misprint or missing, please request the invigilator to change the question booklet.
2. Place do not open the question booklet by breaking open the seal before the invigilator permits you to do so.
3. The accompanying OMR sheet is to be filled-in with the suitable choice by darkening the concerned circle. Please use a blue or black ballpoint pen only for the purpose. Please do not put any other mark on the OMR sheet otherwise the response may not get validated.
4. Use of unfair means is strictly prohibited and may invite cancellation of candidature by cancellation of OMR Sheet.
5. Candidates are advised to keep the question paper with them and mark their choices on the question paper in addition to marking them on the OMR sheets. They will then be able to tally their responses with the answer key which will be subsequently uploaded shortly after the examination. The uploading of question paper and all other important information in regard to the Olympiad will be done on the website: gpsdadiya@ac.in

Note: This is a Sample Paper and Actual Question Paper Contains 90 Questions.

Section A: English

Read the passage below and then answer the questions which follow it.

It has been part of Nelson's prayer that the British fleet might be distinguished by humanity in the victory which he expected. Setting an example himself, he twice gave orders to cease firing upon the Redoubtable, supposing that she had struck because her great guns were silent: for as she carried no flag, there was no means of instantly ascertaining the fact. From this ship, which he had twice spared, he received his death. A ball fired from her mizzen-top which, in the then situation of the two vessels was not more than fifteen yards from that part of the deck where he was standing, struck the epaulette in his left shoulder about a quarter after one, just in the heat of action. He fell upon his face on the spot which was covered with his poor secretary's blood. Hardy, who was a few steps from him turning round, saw three men raising him up. "They have done for me at last, Hardy!" she said. 'I hope not!' cried Hardy. "Yes," replied; "my back-bone is shot through!" Yet even now not for a moment losing his presence of mind, he observed as they were carrying him down the ladder, that the tiller-ropes which had shot away, were not yet replaced and ordered that new ones should be rope immediately. Then that he might not be seen by the crew, he took out his handkerchief and covered his face and his stars. Had he but concealed these badges of honour from the enemy. England perhaps would not have had cause to receive with sorrow the news of the battle of Trafalgar. The cockpit was crowded with wounded and dying men; over whose bodies he was with some difficulty conveyed, and laid upon a pallet in the midshipmen's berth. It was soon perceived, upon examination, that the wound was mortal. This, however, was concealed from all, except Captain Hardy the chaplain, and the medical attendants. He himself being certain, from the sensation in his back, and the gush of blood he felt momentarily within his breast, that no human care could avail him, insisted that the surgeon should leave him and attend to those to whom he might be useful.

Q. 1. What is meant by 'supposing that she had struck'?

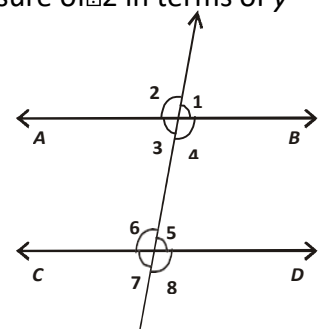
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|--|---|--|--|
| (a) Thinking that the men in the ship had surrendered. | (b) That he might not been seen by the crew | (c) It was soon perceived, upon examination, that the wound was mortal | (d) Had he but concealed these badges of honour from the enemy |
|--|---|--|--|

Q. 2. What do you understand by the 'mizzen up'?

- | | | | |
|---|--|--|----------------------------|
| (a) That part of the deck where he was standing | (b) Is the platform round the lower part of the mast nearest the stern | (c) The cockpit was crowded with wounded and dying men | (d) No human can avail him |
|---|--|--|----------------------------|

Section B: Mathematics

Q. 3. In the given figure, $AB \parallel CD$. If $\angle 1 = (2x+y)^\circ$ and $\angle 6 = (3x-y)^\circ$, then the measure of $\angle 2$ in terms of y is_____.



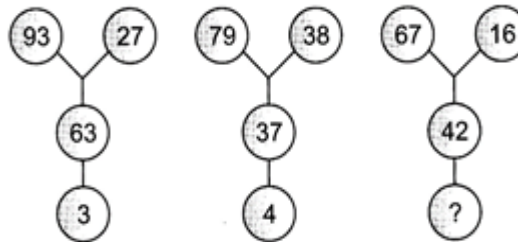
- (a) $(108-y)^\circ$ (b) $(2-y)^\circ$ (c) $(1-y)^\circ$ (d) $(100+y)^\circ$

Q. 4. Probability of an event can be...

- (a) -0.7 (b) $11/9$ (c) 1.001 (d) 0.6

Section C: Mental Ability

Q. 5. Which number will replace the question mark in the figure below?



- (a) 5 (b) 6 (c) 8 (d) 9

Q. 6. Direction: Study the following arrangement carefully and answer the questions given below.

R E 5 D A P \$ 3 T I Q 7 9 B # 2 K % U 1 M W 4 & J 8 N

Which of the following is exactly in the middle of 3 and 1?

- (a) B (b) K (c) 9 (d) #

Section D: Science

Q. 7. What will be the sublimate, When a mixture of Sand, Sulphur, Common Salt and Iodine is sublimed?

- (a) Sand (b) Iodine (c) Sulphur (d) Common Salt

Q. 8. Which of the following has largest number of molecules?

- (a) 8g of CH_4 (b) 4.4 g of CO_2 (c) 34.2g of $\text{C}_{12}\text{H}_{22}\text{O}_{11}$ (d) 2g of H_2

Q. 9. What is the basic unit of classification of living beings?

- (a) Phylum (b) Species (c) Genus (d) Class

Q.10. Anshul accidentally hits his head on the wall. He observes that his forehead is swollen. How will he get relief on the swollen area?

- (a) placing warm towel on the swollen area (b) pouring hot water over the swollen (c) putting sand over the swollen area (d) by rubber stones around the swollen area.

Section E: Social Studies

Q.11. Match the following items given in column A with those of column B

Column A

Column B

I. Sovereign

1. Government will not favour any religion

II. Republic

2. People have the Supreme right to make decision

III. Fraternity

3. Head of the state is an elected person

IV. Secular

4. People should live like brothers and sisters

Choose the correct answer from the option given below:

(a) I-2, II-3, III-4, IV-1

(b) I-3, II-1, III-3,
IV-4

(c) I-4, II-3, III-2, I-1

(d) I-1, II-2, III-3,
IV-4

Q.12. Identify the national leader with the help of clues given below:

Born in Bihar in 1884.

First President of India.

Lawyer, known for his role in the Champaran Satyagraha.

(a) Jaipal Singh

(b) Baldev Singh

(c) Rajendra Prasad

(d) Sardar Patel

Section F: Current Affairs

Q.13. Universal Service Obligation Fund is concerned with providing :

(a) Mobile connectivity

(b) Postal services

(c) Better

infrastructure

(d) Better roads

Q.14. Whether genetically modified crops are permitted to be grown in our country :

(a) Yes

(b) No

(c) Can't say

(d) None of the
above