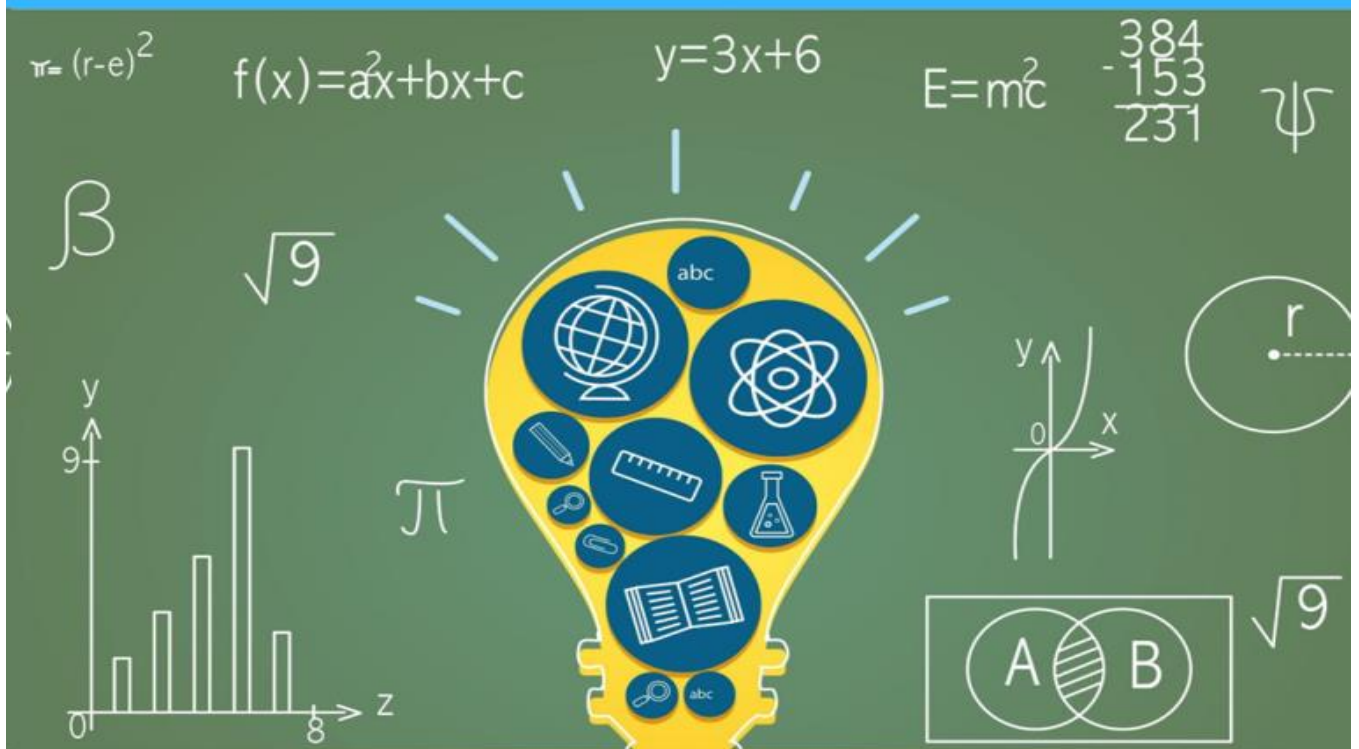


CSAT SOLVED PAPER

updated for 2024



**READING COMPREHENSION,
MATHEMATICS
AND
LOGICAL REASONING**

BOOKLET INSTRUCTIONS

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

Test Booklet Series

TEST BOOKLET GENERAL STUDIES PAPER – II SI. No. Time Allowed : 2 Hours Maximum Marks : 200)

: INSTRUCTIONS TO CANDIDATES :

1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET **DOES NOT** HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS ETC IF SO , GET IT REPLACED BY A COMPLETE TEST BOOKLET OF THE SAME SERIES ISSUED TO YOU.~

2. ENCODE CLEARLY THE TEST BOOKLET SERIES **A, B, C OR D**, AS THE CASE MAY BE, IN THE APPROPRIATE PLACE IN THE ANSWER SHEET USING BALL POINT PEN (BLUE OR BLACK).

3. You have to enter your **Roll No.** on the Test Booklet in the Box provided along side. **DO NOT** write anything else on the Test Booklet.

4. YOU ARE REQUIRED TO FILL UP & DARKEN ROLL NO., TEST BOOKLET / QUESTION BOOKLET SERIES IN THE ANSWER SHEET AS WELL AS FILL UP TEST BOOKLET / QUESTION BOOKLET SERIES AND SERIAL NO. AND ANSWER SHEET SERIAL NO. IN THE ATTENDANCE SHEET CAREFULLY. WRONGLY FILLED UP ANSWER SHEETS ARE LIABLE FOR REJECTION AT THE RISK OF THE CANDIDATE.

5. This Test Booklet contains **80** items (questions). Each item (question) comprises four responses (answers). You have to select the correct response (answer) which you want to mark (darken) on the Answer Sheet. In case, you feel that there is more than one correct response (answer), you should mark (darken) the response (answer) which you consider the best. In any case, choose **ONLY ONE** response (answer) for each item (question).

6. You have to mark (darken) all your responses (answers) **ONLY** on the **Separate Answer Sheet** provided by using **BALL POINT PEN (BLUE OR BLACK)**. See instructions in the Answer Sheet.

7. (i) All items (questions) carry equal marks. All items (questions) are compulsory. Your total marks will depend only on the number of correct responses (answers) marked by you in the Answer Sheet.

(ii) There will be negative markings for wrong responses (answers). 25 (twenty five) percent of marks allotted to a particular item (question) will be deducted as negative marking for every wrong response (answer).

(iii) If candidates give more than one response (answer), it will be treated as a wrong response (answer) even if one of the given responses (answers) happens to be correct and there will be same penalty as above to that item (question).

8. Before you proceed to mark (darken) in the Answer Sheet the responses (answers) to various items (questions) in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per the instructions sent to you with your **Admission Certificate**.

9. After you have completed filling in all your responses (answers) on the Answer Sheet and after conclusion of the examination, you should hand over to the Invigilator the Answer Sheet issued to you. You are allowed to take with you the candidate's copy / second page of the Answer Sheet along with the **Test Booklet**, after completion of the examination, for your reference.

10. Sheets for rough work are appended in the Test Booklet at the end

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

PYQ: 2023

Direction (Q. No. 1-5) : Read the following passage and answer the questions that follow. Your answers to these questions should be based on the passage only :

Passage 1

The global refugee crisis has reached alarming proportions, with millions of people fleeing their homes due to conflict, persecution and instability. Data and statistics underscore the magnitude of this crisis, shedding light on the immense challenges faced by both refugees and host countries.

As of the most recent UNHCR report, there are over 82 million forcibly displaced people worldwide. This includes refugees, asylum seekers and internally displaced persons. The number of refugees alone has surpassed 26 million, with nearly 80% of them hosted by neighbouring countries in regions facing their own challenges.

Syria remains one of the most significant contributors to the refugee crisis. Since the onset of its civil war in 2011, an estimated 6-7 million Syrians have fled their country. Afghanistan is another major source, with over 2.7 million refugees, driven by ongoing conflict and insecurity. Venezuela's political and economic turmoil have resulted in a staggering 5-4 million people seeking refugees in neighbouring countries.

Developing nations shoulder a substantial burden in hosting refugees. Countries like Turkey, Pakistan and Uganda are among the top refugee-hosting nations. Turkey alone hosts more than 3-6 million refugees, primarily from Syria, placing significant strains on its resources and infrastructure.

The international community faces a collective challenge in addressing this crisis. Providing humanitarian aid, ensuring access to education and healthcare and facilitating resettlement are vital components of a Comprehensive response. However, strained resources, political complexities and the growing trend of anti-immigrant sentiment in some host countries present obstacles to find effective solutions.

In conclusion, the current international refugee crisis is a complex issue with far-reaching implications. Data and statistics highlight the staggering numbers of displaced individuals and the significant challenges faced by both refugees and host countries. Addressing this crisis requires international cooperation, policy reforms and a commitment to upholding human rights in the face of adversity.

1. How many forcibly displaced people are there globally, according to the UNHCR report?

- (A) 26 million
- (B) 50 million
- (C) 82 million
- (D) 100 million

Answer: C

Explanation: It is a direct question from the second paragraph. As of the most recent UNHCR report, there are over 82 million forcibly displaced people worldwide.

2. Which country has hosted the largest number of refugee from Syria?

- (A) Turkey
- (B) Jordan
- (C) Lebanon
- (D) Iraq

Answer: A

Explanation: Turkey is the one of the best refugee hosting countries. It contributes 3-6 million refugees from Syria. (ref. from para 4)

3. What is a major driver of the refugee crisis in Afghanistan?

- (A) Economic opportunities
- (B) Religious freedom
- (C) Ongoing conflict and insecurity
- (D) Political stability

Answer: C

Explanation: It is a direct question from para 3. Over 2.7 million refugees, driven by ongoing conflict and insecurity.

4. Among the listed countries, which one hosts the most refugees?

- (A) Germany
- (B) United States

- (C) Turkey
- (D) Canada

Answer: C

Explanation: This is a tricky question and the answer is similar to 2. Turkey alone hosts more than 3-6 million refugees.

5. What challenge is faced by host countries in addressing the refugee crisis?

- (A) Ample resources and infrastructure
- (B) Low levels of international cooperation
- (C) Anti-immigrant sentiment and strained resources
- (D) Ignoring human rights concerns

Answer: C

Explanation:

It is a direct question from the fourth paragraph. Strained resources, political complexities and the growing trend of anti-immigrant sentiment in some host countries are faced by host countries in addressing the refugee crisis.

Direction (Q. No. 6-10) : Read the following passage and answer the questions that follow. Your answers to these questions should be based on the passage only :

Passage 2

Genetic engineering, a revolutionary branch of biotechnology, continues to evolve rapidly, transforming the way we approach medicine, agriculture and various scientific endeavours. Recent developments in this field highlight both the immense potential and ethical considerations that come with the power to manipulate DNA.

In the medical realm, gene editing technologies like CRISPR-Cas9 have gained prominence. These tools offer unprecedented precision in modifying genes, holding promise for treating genetic disorders. In a groundbreaking clinical trial, researchers successfully used gene editing to treat sickle cell anaemia. The patient's own modified cells were reintroduced into their body, resulting in reduced symptoms and an improved quality of life.

In agriculture, genetic engineering is driving advancements in crop production and food security. The development of Genetically Modified (GM) crops has enabled plants to resist pests,

withstand harsh climates and improve nutritional content. For instance, GM rice has been biofortified to contain higher levels of essential vitamins, potentially combating malnutrition in regions where rice is a staple food. However, these advancements also raise ethical concerns. The potential for creating 'designer babies' through gene editing has sparked debates about the boundaries of genetic manipulation. The question of whether it's ethical to alter human DNA to enhance physical or cognitive traits continues to challenge bioethicists, policymakers and society at large.

Data indicates the exponential growth of genetic engineering research. In the past decade, the number of scientific publications related to CRISPR technology has multiplied significantly. In 2010, there were approximately 150 CRISPR-related publications; by 2020, that number had soared to over 9,000. This surge demonstrates the profound impact of genetic engineering on the scientific community.

As we navigate this brave new world of genetic engineering, striking a balance between innovation and ethical considerations remains paramount. The potential to cure genetic diseases, enhance food security and make leaps in scientific understanding is immense. However, careful consideration and collaboration are necessary to ensure that the benefits are realized while addressing the ethical complexities that accompany these technological breakthroughs.

6. Which gene editing technology has gained prominence recently?

- (A) PCR
- (B) CRISPR-Cas9
- (C) DNA sequencing
- (D) Microarray analysis

Answer: B

Explanation: With ref to the para no 2, It says that CRISPR – Cas 9 gene editing technology has gained prominence recently.

7. In a clinical trial, gene editing was successfully used to treat which genetic disorder?

- (A) Cystic fibrosis
- (B) Huntington's disease
- (C) Sickle cell anaemia
- (D) Diabetes

Answer: C

Explanation: In a clinical trial, gene editing was successfully used to treat sickle cell anemia which

is the name of a genetic disorder disease. It is found successful in a clinical experiment or trial. (ref. para 2)

8. What is one of the benefits of Genetically Modified (GM) crops?

- (A) Increased susceptibility to pests
- (B) Reduced nutritional content
- (C) Improved crop yield and pest resistance
- (D) Longer growth periods

Answer: C

Explanation: The benefits of GM are to resist pest, withstand harsh climates, increase protein content and improve crop yield. (para 3)

9. What ethical concern is associated with genetic engineering?

- (A) Improving food security
- (B) Enhancing cognitive traits
- (C) Treating genetic disorders
- (D) Preventing malnutrition

Answer: B

Explanation: The answer is enhancing cognitive traits which is the most ethical concern of genetic engineering. In Genetic engineering, we can change the whole aspects of our bodies. We look and think different from our parents and many more changes can be experimented. This change is an emotional attack for a human who has the occupier of emotions in this planet. If emotion hurts, everything falls apart. Hence, enhancing cognitive trait is treated as an issue or concern of genetic engineering. (para 4)
Imp – emotions like love, like, feel, know and many others are related to cognitions.

10. How has the number of CRISPR- relate d scientific publications changed over the past decade?

- (A) It has remained constant
- (B) It has decreased significantly
- (C) It has increased moderately
- (D) It has multiplied exponentially

Answer: C

Explanation: The change of CRISPR technology has multiplied exponentially. You draw this inference from para 5. The no. of CRISPR publications sold is 150 in 2010 and this figure goes up to 10 thousand in 2020. From 150 in 2010 to 10 thousand in 2020 is an appreciable achievement. It is a soar or a sudden increase or an exponential growth.

Direction (Q. Nos. 11 & 12) : In questions given below, a part of the sentence is *italicized and underlined*.

Below are given alternatives to the italicized part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, option (D) is the answer :

11. The workers are what is due to them.

- (A) hell bent on getting
- (B) hell bent for getting
- (C) hell bent upon getting
- (D) No improvement

Answer: D

Explanation: Hell bent means a strong urge to achieve something and it takes ON as a preposition. Hence, the workers are hell bent on getting what is due to them. The synonyms are Intent, determined, obsessive about, set, dearest, single minded about, fanatical about, inflexible about, insistent about, firm about, settled fixated on, bent etc. The antonym is halfhearted, fickle etc.

12. When it was feared that the serfs might go too far and gain their freedom from serfdom, the Protestant leaders joined the princes them.

- (A) into crushing
- (B) in crushing
- (C) without crushing
- (D) No improvement

Answer: B

Explanation: Here crushing is used as gerund which means defeating. Defeating takes IN as a preposition. So when it was feared that serfs might go too far and gain their freedom from serfdom, the protestant leaders joined the princes in crushing them.

13. In the following question, choose the word which is the exact OPPOSITE of the given word : ENORMOUS

- (A) Soft
- (B) Average
- (C) Tiny
- (D) Weak

Answer: C

Explanation: Enormous means very large in size, quantity and extent. Example; He has given enormous effort for the preparation of civil exam. The exact opposite word is Tiny.

14. Some proverbs /idioms are given below together with their meanings. Choose the correct meaning of proverb/idiom :

To keep one's temper

- (A) To become angry
- (B) To be in good mood
- (C) To preserve one's energy
- (D) None of the above

Answer: C

Explanation: To keep one's temper means to be in good mode or not to get angry. Example; He was upset but kept his temper.

15. Find the correctly spelt word.

- (A) Efficient
- (B) Treatment
- (C) Beterment
- (D) Employd

Answer: A

Explanation:

Efficient is the correctly spelt word.

Direction (Q. Nos. 16-18) : Read the paragraph and answer the following :

I felt the wall of the tunnel shiver. The master alarm squealed through my earphones. Almost simultaneously, Jack yelled down to me that there was a warning light on. Fleeting boat spectacular sights snapped into and out of view, the snow, the shower of debris, the moon, looming close and big, the dazzling sunshine for once unfiltered by layers of air. The last twelve hours before re-entry were particular bone-chilling. During this period, I had to go up into command module. Even after the fiery re-entry splashing down in 81° water in South Pacific, we could still see our frosty breath inside the command module.

16. The word 'Command Module' used twice in the given passage indicates perhaps that it deals with

- (A) an alarming journey
- (B) a commanding situation
- (C) a journey into outer space
- (D) a frightful battle

Answer: C

Explanation: Command module is a spacecraft related word. It means the detachable control of a

manned spacecraft. So the correct option is a journey into outer space.

17. Which one of the following reasons would one consider as more as possible for the warning lights to be on?

- (A) There was a shower of debris
- (B) Jack was yelling
- (C) A catastrophe was imminent
- (D) The moon was looming close and big

Answer: C

Explanation: The warning lights means something bad is going to happen. The option A is wrong as it says debris is falling. Option B is wrong as Jack could yell for any reason. Option D is incorrect as they are very close to the moon. Option C is correct as it means a catastrophe is imminent. Catastrophe means a sudden danger and imminent means sudden. A sudden danger.

18. The statement that the dazzling sunshine was 'for once unfiltered by layers of air' means

- (A) that the sun was very hot
- (B) that there was no strong wind
- (C) that the air was unpolluted
- (D) None of the above

Answer: C

Explanation:

There was no strong wind. "For once unfiltered by layers of air" means there was no air or wind in the space in which Sun shine was not filtered.

19. In the question given below, out of the four alternatives, choose the one which can be substituted for the given word/sentence :

Extreme old age when a man behaves like a fool.

- (A) Imbecility
- (B) Senility
- (C) Dotage
- (D) Superannuation

Answer: C

Explanation: Dotage is a stage of old age in which a person behaves like a fool. Imbecility is a state of foolishness or stupidity irrespective of age. So, it is out. Senility is a mental disorder in the old age. Superannuation is a financial term linked with insurance or calculation of principal.

20. In the following question, choose the word which best expresses the meaning of the given word :

EMBEZZLE

- (A) Misappropriate
- (B) Balance
- (C) Remunerate
- (D) Clear

Answer: A

Explanation: Embezzlement means financial crime or money laundering, money loot or misappropriation of fund. So, the correct option is Misappropriate.

21. Direction : Choose the correct option considering the statements followed by the conclusions :

Statements :

- a) Some panthers are cats.
- b) All cats are mammals.
- c) Some mammals are not panthers.

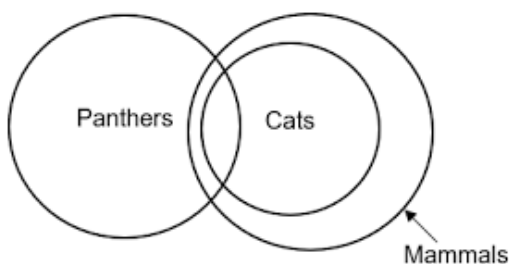
Conclusions :

- (i) Some mammals are panthers.
- (ii) All panthers are mammals.
- (iii) All cats are panthers.
- (iv) All mammals are panthers.

- (A) None follows
- (B) Only (i) follows
- (C) Only (i) and (ii) follow
- (D) Only (ii) and (iii) follow

Answer: B

Explanation:



22. Divyabh gave an application for a new pas sport to the clerk on Monday afternoon. Next day was a holiday. So, the clerk cleared the papers on the next working day on resumption of duty. The senior clerk checked it on the same day but forwarded it to the head clerk on the next day. The head clerk decided to dispose the case on the

subsequent day. On which of the following days was the case put up to the head clerk by the senior clerk?

- (A) Wednesday
- (B) Thursday
- (C) Friday
- (D) None of the above

Answer: B

Explanation:

Thursday is the answer. In this para, there are three levels of officials involved to process an application for new passport. The file was handed over to the clerk on Monday. He cleared it on the same day and handed it over to Senior clerk on Wednesday because Tuesday was holiday. The senior clerk then cleared it on the same day and passed it to the head clerk in the next day which means Thursday. Then, the head clerk cleared it on subsequent day. The subsequent day may be any day after Thursday. We concluded that the senior clerk passed the case to the head clerk on Thursday.

23. Direction : Choose the correct option considering the statements followed by the conclusions.

Statements :

- a) Some desks are apartments.
- b) All apartments are cars.
- c) Some cars are trucks.

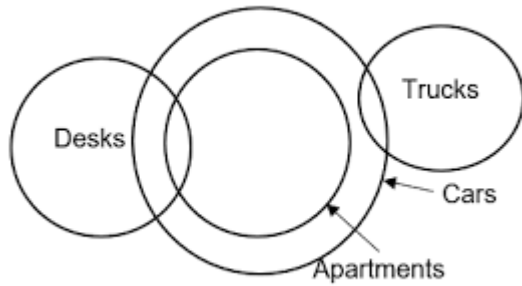
Conclusions :

- (i) Some desks are trucks.
- (ii) Some desks are cars.
- (iii) Some cars are apartments.
- (iv) No truck is a desk.

- (A) None follows
- (B) Only (ii) and (iii) follow
- (C) Either only (i) or (ii), (iii) and (iv) follow
- (D) Either only (i) or (iv), (ii) and (iii) follow

Answer: D

Explanation:



24. Complete the following series :

E -5, G -7, I-9, K-11 ?

- (A) L -13, N -14
- (B) M-13, O - 15
- (C) L -12, M-14
- (D) K-12, M-14

Answer: C

Explanation:

M-13 and O-15 is the correct answer. Here, the English alphabet corresponds to its respective numerical in numbers. The position of E is 5th in English Alphabet. So, it is E-5. Then skip one alphabet i.e. F. Then G-7. Then skip one. Then I-9. This way, the answer is B.

25. In a row of children, Bali is seventh from the left and Moti is fourth from the right. When Bali and Moti exchange positions, Bali will be the fifteenth from the left. What will be Moti's position from the right?

- (A) Eighth
- (B) Fourth
- (C) Eleventh
- (D) Twelfth

Answer: C

Explanation: It is a tricky one. Bali's position from left is 7 and Moti's position is 4 from right. After exchanging their position, Bali's position is 15 from the left and Moti's position was 4 from right before exchange. So, there are a total number of 18 positions in a row.