

NTA CUET (UG)



20 MOCK
TESTS

13 PAST YEARS'
SOLVED PAPERS
(2022-24)

with



REAL FEEL NTA-LIKE QUESTION BOOKLET

GENERAL TEST - 10 + 7
ENGLISH - 10 + 6



WITH
FREE
ONLINE CBT

- 10 Mock Test Papers per subject as per NTA CUET latest syllabus
- 7 Past Solved Papers of General Test and 6 Solved Papers of English (2022-24)
- Detailed explanation of each question
- Trend Analysis of NTA CUET (2023 - 2024) Papers

Syllabus & Analysis

Syllabus for CUET English

Note: There will be one Question Paper which will have 50 questions out of which 40 questions need to be attempted

Questions from the Language Section will cover the following topics but are not limited to:

1. Reading Comprehension:

There will be three types of passages (maximum 300-350 words):

(i) Factual

(ii) Narrative

(iii) Literary

2. Verbal Ability

3. Rearranging the parts

4. Choosing the correct word

5. Synonyms and Antonyms

6. Vocabulary

English Paper Analysis



Chapter-wise Analysis of Question Papers 2023-2024

S. No.	Name of the Chapter	NTA CUET Question Papers (2023-24)	
		2023 (Nos. of Que.)	2024 (Nos. of Que.)
1.	Reading Comprehension	15 (3 passages)	22 (4 passages)
2.	Parajumbles	3	6
3.	Voice	2	–
4.	Narration	2	–
5.	Synonyms	4	4
6.	Antonyms	2	4
7.	Idioms and Phrases	2	1
8.	Phrasal Verbs	1	2
9.	Change Sentences	2	–
10.	Error Spotting	1	–
11.	Fill in the Blank	11	6
12.	Adverb	1	–
13.	Adjective/ Adjective Clause	1	–
14.	Letter	2	–
15.	Question Tag	1	–
16.	Word Meanings/ Definitions	–	2
17.	Verb Form	–	1
18.	Homonyms	–	1
19.	Preposition	–	1

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NTA CUET PAPER (29TH MAY 2024)

Instructions

1. The test is of 45 Minutes duration.
2. The test contains 50 Questions out of which 40 questions need to be attempted.
3. Marking Scheme of the test.
 - a. Correct answer or the most appropriate answer: Five marks (+5)
 - b. Any incorrect option marked will be given minus one mark (-1)
 - c. Unanswered/marked for review will be given no mark (0)

Full Marks: 200

(Time: 45 Minutes)

Read the given passage and answer the six questions that follow.

As the weather changes, everyone is prone to colds and coughs. While we have all heard about the benefits of vitamin C for colds, few of us are aware of a secret solution - Zinc! Zinc is helpful as it can reduce the severity and duration of respiratory tract infections. It soothes sore throats with its anti-inflammatory properties. It plays a pivotal role in supporting various functions of the body like the immune system, wound healing and maintaining overall health. It prevents viruses from growing in the body. Zinc is also known to boost the immune system and fight infections.

Notably, zinc is a vital mineral found in a variety of plant and animal foods. When consuming zinc-rich foods during a cough and cold, prioritise moderation and diversity in your diet. Include lean meats, poultry, sea food, dairy, nuts and seeds. Combine zinc-rich foods with vitamin C sources for enhanced immune support.

Phytates, a substance found in unprocessed whole grains hinder the absorption of zinc, thereby making it less available for the body to utilise. Hence, vegetarians should follow some cooking techniques such as soaking them for 5-6 hours to reduce the phytate content and increase the bioavailability of zinc. Organic acids in fermented foods aid in higher absorption, so always include foods in your diet like buttermilk and yogurt along with some zinc-rich vegetarian sources.

It is important to remember that a higher dosage of zinc supplement inhibits the absorption of other minerals. Therefore, it is always good to check with the healthcare professionals while taking supplements. Stay hydrated, choose cooking methods that preserve zinc, and be aware of factors like phytates affecting absorption.

1. According to the passage, combining zinc-rich foods with vitamin C will result in
 - (a) reduced immunity.
 - (b) increased immunity.
 - (c) food allergy.
 - (d) a sore throat.
2. What does the word 'solution' signify in 'a secret solution' ?
 - (a) Remedy
 - (b) Drink
 - (c) Function
 - (d) Food

3. In the passage, which of the following is not a benefit connected to consuming zinc?

- (a) Strengthens immune system
- (b) Anti-viral properties
- (c) Anti-inflammatory agent
- (d) Supports hair growth

4. Choose the word that means the opposite of 'pivotal'.

- (a) Central
- (b) Important
- (c) Life-changing
- (d) Unimportant

5. The passage encourages us to consume zinc in the form of

- (a) zinc solution.
- (b) unprocessed food grains.
- (c) a variety of plant and animal foods.
- (d) non-vegetarian sources only.

6. The passage reminds us to 'stay hydrated' which means that

- (a) we should have plenty of water.
- (b) we should stay indoors.
- (c) we should have fermented foods like yogurt.
- (d) we should have zinc-rich foods with vitamin C.

Read the given passage and answer the six questions that follow.

The Human Genome Project

Pollinators, such as bees, butterflies, birds and bats, are essential for the ecosystem, health and human food security. They facilitate plant reproduction by transferring pollen between flowers, enabling the production of seeds and fruits crucial for plant biodiversity and ecosystem stability.

This mutualistic relationship supports global food production, with approximately 75% of leading food crops relying on animal pollination. Pollinators contribute to the diversity and abundance of flowering plants in natural ecosystems, providing habitat and food resources for various organisms.

19. Rearrange the parts in the **correct** sequence to form a meaningful sentence:
 (A) to obesity have a lower risk of heart disease
 (B) people with a high BMI and a genetic predisposition
 (C) related to environmental and lifestyle factors alone
 (D) compared to people whose extra weight is
 Choose the correct answer from the options given below:
 (a) (A), (B), (C), (D) (b) (A), (C), (B), (D)
 (c) (B), (A), (D), (C) (d) (C), (B), (D), (A)
20. Rearrange the parts in the correct sequence to form a meaningful sentence:
 (A) frozen, canned and dried fruits can be
 (B) despite the enduring belief that
 (C) just as nutritious as their fresh counterparts
 (D) 'fresh is best', research has found that
 Choose the correct answer from the options given below:
 (a) (A), (B), (C), (D) (b) (A), (C), (D), (B)
 (c) (B), (D), (A), (C) (d) (C), (B), (D), (A)
21. Choose the correct expression to complete the sentence:
 How _____ your name?
 (a) is it pronounced (b) you pronounce
 (c) do you pronounce (d) to pronounce
22. Choose the most appropriate verb to fill in the blank.
 Abhijat's spirits _____ when he learnt that he had won the first prize in the Poetry Recitation Competition.
 (a) plunged (b) soared
 (c) zipped (d) tore
23. Choose the correct synonym of the word 'effrontery'.
 (a) audacity (b) civility
 (c) impetuosity (d) affluence
24. Choose the correct antonym of the underlined word:
 She is an astute observer of human behaviour.
 (a) sharp (b) brilliant
 (c) ingenuous (d) prudent
25. Rearrange the following parts of a sentence to form a meaningful sentence:
 (A) can be seen as an extension of citizenship, starting with
 (B) the Factory Acts of the 1840s which protected
 (C) the growing importance of social rights for children
 (D) children from unrestricted exploitation at work
 Choose the correct answer from the options given below:
 (a) (C), (A), (B), (D) (b) (B), (C), (A), (D)
 (c) (D), (A), (B), (C) (d) (C), (B), (D), (A)
26. Fill in the blank with the correct word from the options given below:
 To give a book a _____ reading is to skim it quickly without comprehending much.
 (a) cursory (b) cryptic
 (c) morose (d) munificent
27. Choose the correct antonym for 'veracity' from the options given below.
 (a) fallacy (b) arduous
 (c) diminutive (d) demure
28. Rearrange the parts of a sentence in the correct sequence to make a meaningful sentence:
 (A) the largest known rodent have determined that
 (B) bite was as strong as a tiger's
 (C) the prehistoric herbivore's front
 (D) scientists analyzing the skull of
 Choose the correct answer from the options given below:
 (a) (A), (B), (C), (D)
 (b) (D), (C), (B), (A)
 (c) (B), (A), (D), (C)
 (d) (D), (A), (C), (B)
29. Fill in the blanks in **List-I** with the Phrasal verbs in **List-II** :
- | List-I | | List-II | |
|--------|---|---------|----------|
| (A) | She is financially very smart and has got a few thousand rupees _____ for her retirement. | (I) | puts up |
| (B) | He is clever, but his gruff exterior makes most people get _____ by it. | (II) | put away |
| (C) | I wonder how she _____ with his erratic behaviour. | (III) | puts in |
| (D) | Every day she _____ ten to twelve hours of study; she will certainly crack the CAT exam. | (IV) | put off |
- Choose the correct answer from the options given below:
 (a) (A) - (II), (B) - (IV), (C) - (I), (D) - (III)
 (b) (A) - (I), (B) - (III), (C) - (II), (D) - (IV)
 (c) (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
 (d) (A) - (III), (B) - (IV), (C) - (I), (D) - (II)
30. Choose the appropriate option to complete the following sentence:
 Kalyani made her children _____ chores on Sunday.
 (a) make some (b) take some
 (c) do some (d) does some
31. Choose the word that is nearest in meaning to the underlined word :
 I am not convinced of his duplicity in this matter.
 (a) deceit (b) usefulness
 (c) emotion (d) wisdom
32. Rearrange the following parts to make a meaningful sentence:
 (A) provide opportunities and increase possibilities to
 (B) telemedicine is one way
 (C) effectively use available human and material resources
 (D) of practising medicine which may
 Choose the correct answer from the options given below:
 (a) (C), (A), (B), (D) (b) (B), (D), (A), (C)
 (c) (B), (A), (D), (C) (d) (D), (A), (C), (B)

33. Match the blanks in **List-I** with appropriate Homonyms in **List-II**:

List-I (Sentences)		List-II (Homonyms)	
(A)	We waited with _____ breath for the winner to be announced.	(I)	discrete
(B)	Moving quietly into position, she _____ the trap and waited.	(II)	discreet
(C)	You ought to make a few _____ enquiries before you sign anything.	(III)	bated
(D)	Organisms can be divided into _____ categories.	(IV)	baited

Choose the correct answer from the options given below:

- (a) (A) - (IV), (B) - (III), (C) - (I), (D) - (II)
 (b) (A) - (III), (B) - (IV), (C) - (II), (D) - (I)
 (c) (A) - (II), (B) - (III), (C) - (I), (D) - (IV)
 (d) (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

34. The synonym of 'fastidious' is:

- (a) strong (b) finicky
 (c) brave (d) weak

35. Rearrange the phrases to form a meaningful sentence:

- (A) BMI model is an obsolete method for calculating
 (B) suggesting that the athlete get a fat to muscle mass index scan done
 (C) the fitness level of an individual
 (D) the dietician said that the

Choose the correct answer from the options given below:

- (a) (A), (C), (B), (D) (b) (D), (A), (C), (B)
 (c) (B), (D), (A), (C) (d) (C), (D), (B), (A)

36. Fill in the blank with the most appropriate word.

The British Raj regularly _____ vernacular newspapers that printed articles advocating for Indian home rule.

- (a) prescribed (b) proscribed
 (c) probated (d) popularised

37. Choose the most appropriate word to fill in the blank in the following sentence:

The alibi offered by the suspect in the chain-snatching incident did not appear to be _____.

- (a) credible (b) creditable
 (c) credulous (d) considerable

38. Choose the correct synonym for the given word.

Pique

- (a) Resentment (b) Ravage
 (c) Calm (d) Docile

39. Choose the correct antonym for 'taciturn' from the options given below.

- (a) reserved (b) vehement
 (c) garrulous (d) ungraceful

40. Match the blanks in **List-I** with the verb forms in **List-II**:

List-I		List-II	
(A)	She _____ with her dog every day.	(I)	Played
(B)	She _____ the violin at the concert beautifully.	(II)	had been playing
(C)	She _____ badminton her whole life.	(III)	plays
(D)	She _____ video games the whole of yesterday.	(IV)	has been playing

Choose the correct answer from the options given below :

- (a) (A) - (II), (B) - (IV), (C) - (I), (D) - (III)
 (b) (A) - (III), (B) - (I), (C) - (IV), (D) - (II)
 (c) (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
 (d) (A) - (IV), (B) - (III), (C) - (II), (D) - (I)

41. Match the words in **List-I** with the meanings in **List-II**:

List-I (Word)		List-II (Meaning)	
(A)	Numismatist	(I)	One who journeys from place to place
(B)	Philatelist	(II)	One who collects coins
(C)	Itinerant	(III)	One who collects stamps
(D)	Cacographist	(IV)	One who is bad at spellings

Choose the correct answer from the options given below:

- (a) (A) - (II), (B) - (III), (C) - (I), (D) - (IV)
 (b) (A) - (III), (B) - (IV), (C) - (II), (D) - (I)
 (c) (A) - (IV), (B) - (I), (C) - (III), (D) - (II)
 (d) (A) - (I), (B) - (II), (C) - (IV), (D) - (III)

42. Complete the sentences given in **List-I** with the appropriate prepositions given in **List-II**:

List-I		List-II	
(A)	I was delighted _____ the present you gave me.	(I)	to
(B)	The letter I wrote was full _____ mistakes	(II)	in
(C)	A strange thing happened _____ me a few days ago.	(III)	with
(D)	I hope you succeed _____ getting the job you want.	(IV)	of

Choose the correct answer from the options given below:

- (a) (A) - (IV), (B) - (III), (C) - (II), (D) - (I)
 (b) (A) - (III), (B) - (IV), (C) - (I), (D) - (II)
 (c) (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
 (d) (A) - (III), (B) - (I), (C) - (IV), (D) - (II)

43. Identify the word opposite in meaning to the underlined word
Allegations about the industrialist's involvement in financial irregularities were spurious.

(a) false (b) unethical
(c) genuine (d) impulsive

44. Match the idioms in **List-I** with the meanings in **List-II**:

List-I		List-II	
(A)	To sit on the fence	(I)	To be in a good position
(B)	A sitting duck	(II)	To not take any action/remain in a place
(C)	Sit pretty	(III)	Delay in making a decision
(D)	Sit tight	(IV)	An easy target for attack or criticism

Choose the correct answer from the options given below:

(a) (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
(b) (A) - (I), (B) - (III), (C) - (II), (D) - (IV)
(c) (A) - (I), (B) - (II), (C) - (IV), (D) - (III)
(d) (A) - (III), (B) - (IV), (C) - (I), (D) - (II)

Read the given passage and answer the six questions that follow.

The Green Blazer stood out prominently under the bright sun and blue sky. In all that jostling crowd one could not help noticing it. Villagers in shirts and turbans, townsmen in coats and caps, beggars bare-bodied and women in multi-coloured saris were thronging the narrow passage between the stalls and moving in great confused masses, but still the Green Blazer could not be missed. The jabber and babble of the marketplace was there, as people harangued, disputed prices, haggled or greeted each other; over it all boomed the voice of a Bible-preacher, and when he paused for breath, from another corner the loudspeaker of a health van amplified on malaria and tuberculosis. Over and above it all the Green Blazer seemed to cry out an invitation. Raju could not ignore it. It was not in his nature to ignore such a persistent invitation. He kept himself half-alooof from the crowd; he could not afford to remain completely aloof nor keep himself in it too conspicuously. Wherever he might be, he was harrowed by the fear of being spotted by a policeman; today he wore a loin-cloth and was bare-bodied, and had wound an enormous turban over his head, which over-shadowed his face completely and he hoped that he would be taken for a peasant from a village.

He sat on a stack of cast-off banana stalks beside a shop awning and watched the crowd. When he watched a crowd, he did it with concentration. It was his professional occupation. Constitutionally he was an idler and had just the amount of energy to watch in a crowd and put his hand into another person's pocket. It was a gamble, of course. Sometimes he got nothing out of a venture, counting himself lucky if he came out with his fingers intact.

45. Why did the Green Blazer draw Raju's attention ?

(a) It was his favourite colour.
(b) It screamed to be followed.
(c) It merged well with the crowd.
(d) It was too conspicuous in that crowd.

46. Identify the activities going on in the bazaar:

(A) People walking gently giving space to others
(B) People bargaining, greeting each other, pushing
(C) Bare stalls, people dressed in dull colours
(D) Loud sounds of preachers mixed with loudspeakers blaring

Choose the correct answer from the options given below:

(a) (A), (B) and (D) only
(b) (A), (B) and (C) only
(c) (B) and (D) only
(d) (B), (C) and (D) only

47. Raju is afraid of being spotted by the policemen because:

(a) he didn't want to be out at the beginning of the game.
(b) he was not fond of policemen.
(c) he wanted to win this game.
(d) he didn't want to be caught before the kill.

48. What do you think is Raju's profession ?

(a) an idler (b) a pickpocket
(c) a gambler (d) an artist

49. Match the words given in **List-I** with their meaning given in **List-II**:

List-I (Words)		List-II (Meanings)	
(A)	Harangued	(I)	An undertaking
(B)	Amplified	(II)	Long aggressive speech
(C)	Conspicuous	(III)	Noticeable
(D)	Venture	(IV)	To increase the intensity

Choose the correct answer from the options given below :

(a) (A) - (II), (B) - (IV), (C) - (III), (D) - (I)
(b) (A) - (I), (B) - (III), (C) - (II), (D) - (IV)
(c) (A) - (III), (B) - (IV), (C) - (II), (D) - (I)
(d) (A) - (IV), (B) - (III), (C) - (I), (D) - (II)

50. Match the words given in **List-I** with their meaning given in **List-II** :

List-I		List-II	
(A)	Stood out	(I)	In place of
(B)	Taken for	(II)	No longer wanted
(C)	Cast off	(III)	Demand
(D)	Cry out	(IV)	Noticeable

Choose the correct answer from the options given below:

(a) (A) - (I), (B) - (II), (C) - (III), (D) - (IV)
(b) (A) - (IV), (B) - (I), (C) - (II), (D) - (III)
(c) (A) - (III), (B) - (IV), (C) - (II), (D) - (I)
(d) (A) - (II), (B) - (III), (C) - (I), (D) - (IV)



Answer Key

- | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1. (b) | 2. (a) | 3. (d) | 4. (d) | 5. (c) | 6. (a) | 7. (a) | 8. (d) | 9. (c) | 10. (b) |
| 11. (c) | 12. (b) | 13. (b) | 14. (c) | 15. (b) | 16. (b) | 17. (d) | 18. (a) | 19. (c) | 20. (c) |
| 21. (c) | 22. (b) | 23. (a) | 24. (c) | 25. (a) | 26. (a) | 27. (a) | 28. (d) | 29. (a) | 30. (c) |
| 31. (a) | 32. (b) | 33. (b) | 34. (b) | 35. (b) | 36. (b) | 37. (a) | 38. (a) | 39. (c) | 40. (b) |
| 41. (a) | 42. (b) | 43. (c) | 44. (d) | 45. (d) | 46. (c) | 47. (d) | 48. (b) | 49. (a) | 50. (b) |

Explanations

1. (b) The passage says that combining zinc with vitamin C boosts the immune system.
2. (a) In this case, "solution" means a remedy or a way to help with colds.
3. (d) The passage talks about zinc's benefits for the immune system, inflammation, and viral infections but doesn't mention hair growth. Therefore, the correct option is Supports hair growth.
4. (d) Unimportant. "Pivotal" means important, so the opposite is "unimportant."
5. (c) The passage suggests eating zinc-rich foods from both plant and animal sources. Therefore, the correct option is 'a variety of plant and animal foods.'
6. (a) "Stay hydrated" means to drink plenty of water to maintain proper hydration. Therefore, the correct option is 'we should have plenty of water.'
7. (a) Pollinators transfer pollen between flowers, enabling plant reproduction. Therefore, the correct option is 'transferring pollen between flowers.'
8. (d) pollinators and plants. The mutualistic relationship is between pollinators and plants, where pollinators help plants reproduce. Therefore, the correct option is (d) pollinators and plants.
9. (c) Pollination. The passage mentions urbanization, agriculture, deforestation, and pesticide exposure as causes of habitat loss. "Pollination" is not one of them. Therefore, the correct option is pollination.
10. (b) disrupting their behaviour and reproductive patterns. Climate change disrupts pollinators' behavior and reproductive patterns, putting them at risk. Therefore, the correct option is 'disrupting their behaviour and reproductive patterns.'
11. (c) The passage does not mention using technology to transfer pollen, so this is not necessary for safeguarding pollinators. Therefore, the correct option is 'using technology to transfer pollen between flowers.'
12. (b) "Nesting sites" refers to places where pollinators shelter. "Sheltering" is the best replacement. Therefore, the correct option is sheltering.
13. (b) an inflated view of ourselves. Ego refers to one's self-importance and ability to view oneself, but the passage suggests that when ego inflates, it becomes problematic. Thus, it refers to an inflated view of oneself. Therefore, the correct option is 'an inflated view of ourselves.'
14. (c) The passage explains that knowing oneself is an advantage, helping with both contentment and relationships. It's an asset, not a liability, because it leads to self-awareness and personal growth. Therefore, the correct option is 'it is an asset.'
15. (b) In the passage, the phrase "to start ballooning" refers to ego growing out of control and becoming inflated. This means the ego is increasing in size or importance. Therefore, the correct option is 'to inflate.'
16. (b) An inflated ego often leads to a lack of likability and creates problems in personal and professional relationships, as stated in the passage. Therefore, the correct option is 'disliked.'
17. (d) The passage clearly discusses how an inflated ego can be detrimental, counterproductive, and lead to issues. However, it does not claim that an inflated ego has a win-win outcome. Therefore, the correct option is 'Inflated ego has a win-win outcome.'
18. (a) The passage suggests that regularly seeking feedback is vital for effective leadership, as it helps leaders manage their ego and avoid negative behavior. This practice leads to success as a leader. Therefore, the correct option is 'success as a leader.'
19. (c) The correct sequence of the sentence is: People with a high BMI and a genetic predisposition to obesity have a lower risk of heart disease compared to people whose extra weight is related to environmental and lifestyle factors alone. Therefore, the correct option is (B), (A), (D), (C).
20. (c) The correct sequence of the sentence is: Despite the enduring belief that 'fresh is best', research has found that frozen, canned, and dried fruits can be just as nutritious as their fresh counterparts. Therefore, the correct option is (C) (B), (D), (A), (C).

Instructions

Attempt only 50 questions out of the given 60 questions. Each question carries 5 marks. 1 mark will be deducted for a wrong answer.

Full Marks: 250

(Time: 60 Minutes)

- Introducing a boy, a girl said, "He is the son of the daughter of the father of my uncle." How is the boy related to the girl?
(a) Brother (b) Nephew (c) Uncle (d) Son-in-law
- Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.

(a) 9 Z 3 B W A 9 (b) 9 5 3 B W A 9
(c) b V M 8 J S d (d) 9 5 K B W A 9
- 1, 3, 9, 27, 81?
(a) 216 (b) 220 (c) 243 (d) 250
- Arrange the following words as per order in the dictionary?
(i) Tortoise (ii) Torrid (iii) Torso (iv) Torque (v) Tortuous
(a) (iv), (ii), (iii), (i), (v) (b) (iii), (ii), (iv), (i), (v)
(c) (ii), (iii), (iv), (v), (i) (d) (iv), (iii), (ii), (i), (v)
- Fear : Threat :: Anger : ?
(a) Compulsion (b) Panic
(c) Provocation (d) Force
- A clock is set right at 5 a.m. The clock loses 16 minutes in 24 hours. What will be the true time when the clock indicates 10 p.m. on the 4th day?
(a) 11 p.m. (b) 10 p.m. (c) 9 p.m. (d) 8 p.m.
- Select the figure form among the given options that can replace the question mark(?) in the following series.

(a) (b) (c) (d)
- One morning after sunrise, Suresh was standing facing a pole. The shadow of the pole fell exactly to his right. To which direction was he facing?
(a) East (b) West
(c) South (d) Data is inadequate
- A paper is folded and cut as shown below. How will it appear when unfolded?

(a) (b) (c) (d)
- In a certain code, TRIPPLE is written as SQHOOKD. How is DISPOSE written in that code?
(a) CHRONRD (b) CHORNDR
(c) CHORRND (d) CRHORND
- (a) 12 (b) 15 (c) 17 (d) 18
- A boatman goes 2 km against the current of the stream in 1 hour and goes 1 km along the current in 10 minutes. How long will it take to go 5 km in stationary water?
(a) 40 minutes (b) 1 hour
(c) 1 hr 15 min (d) 1 hr 30 min

36. Hindi Diwas is celebrated across India on _____.

- (a) 14th September (b) 14th June
(c) 14th April (d) 14th March

37. Who authored the book “The Light We Carry: Overcoming in Uncertain Times”?

- (a) Malia Obama (b) Betty Ford
(c) Craig Robinson (d) Michelle Obama

38. Which of the following states won the Best Agriculture State Award for 2024, recognizing its outstanding contributions to the agricultural sector?

- (a) Punjab (b) Haryana
(c) Maharashtra (d) Karnataka

39. Which ministry organized the event “Utkrishtata ki Ore Badhte Kadam” to promote excellence in urban development?

- (a) Ministry of Rural Development
(b) Ministry of Housing and Urban Affairs (MoHUA)
(c) Ministry of Environment, Forest and Climate Change
(d) Ministry of Home Affairs

40. In which state ‘Sanjay Gandhi National Park’ is located?

- (a) Bihar (b) Gujarat (c) Maharashtra (d) Jharkhand

41. Select the correct water image of the given combination of letters.

DFNZSR

- (a) DEHSZB (b) DESNZB (c) DEHSZB (d) DEHSZB

42. Four letter-clusters have been given, out of which three are alike in some manner and one is different. Select the letter-cluster that is different.

- (a) SPK (b) JGT (c) PMN (d) GTQ

43. In a certain code language, 6219 means ‘Sachin is a cricketer’ and 2646 means ‘He played from Mumbai’. Which of the following is the code for “Mumbai is very famous”?

- (a) 7945 (b) 6246 (c) 6285 (d) 2458

44. If mean of the numbers 2, $(2p + 2)$, 7, 13, 17, 4 and $(p - 1)$ is 8, then find the their median.

- (a) 4 (b) 6 (c) 7 (d) 13

45. The value of

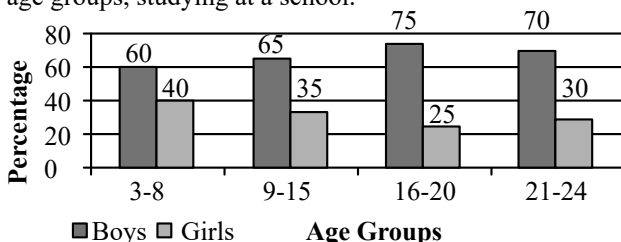
$$\left[\frac{\cos^2 A (\sin A + \cos A)}{\operatorname{cosec}^2 A (\sin A - \cos A)} + \frac{\sin^2 A (\sin A - \cos A)}{\sec^2 A (\sin A + \cos A)} \right] \times (\sec^2 A - \operatorname{cosec}^2 A)$$

(a) 1 (b) 3 (c) 2 (d) 4

46. In what ratio must a mixture of 30% alcohol strength be mixed with that of 50% alcohol strength so as to get a mixture of 45% alcohol strength?

- (a) 1 : 2 (b) 1 : 3 (c) 2 : 1 (d) 3 : 1

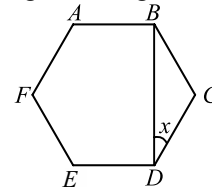
47. Following graph depicts the number of boys and girls, in various age groups, studying at a school.



Find the ratio of the number of girls in 3-8 age group and the number of boys in 21-24 age group combined to the total number of students in 9-15 age group.

- (a) 4 : 7 (b) 11 : 10 (c) 4 : 3 (d) 10 : 11

48. Shown below is a regular hexagon ABCDEF.



Calculate angle x.

- (a) 30° (b) 120° (c) 60° (d) 80°

49. In a mixture of 75 litres, the ratio of milk to water is 2 : 1. The amount of water to be further added to the mixture so as to make the ratio of the milk to water 1 : 2 will be

- (a) 45 litres (b) 60 litres (c) 75 litres (d) 80 litres

50. How many days are there in y weeks y days?

- (a) $7y^2$ (b) $8y$ (c) $14y$ (d) 7

51. Which of the following is included in the list of world heritage sites of UNESCO?

- (a) Lake Chilka (b) Dal Lake
(c) Nagin Lake (d) Sundarban National Park

52. What is the theme of ‘International Women’s Day (IWD) 2024’ celebrated on 08 March?

- (a) Invest in Women: Accelerate Progress
(b) Gender equality today for a sustainable tomorrow
(c) DigitALL: Innovation and technology for gender equality
(d) Think equal, build smart, innovate for change

53. Kullu Valley is located between which of the following mountain ranges?

- (a) Ladakh and Pir Panjal
(b) Lesser Himalaya and Shivalik
(c) Dhauladhar and Pir Panjal
(d) Ranjoti and Nanga Parbat

54. The Indian subcontinent was mainly a part of:

- (a) Jurassic land (b) Angara land
(c) Aryavart (d) Gondwanaland

55. Which state has the largest area in India?

- (a) Uttar Pradesh (b) Madhya Pradesh
(c) Maharashtra (d) Rajasthan

56. Heat stored in water vapors is:

- (a) Specific Heat (b) Absolute Heat
(c) Relative Heat (d) Latent Heat

57. The heat in the environment mainly comes from:

- (a) Insolation (b) Condensation
(c) Radiation (d) Convection

58. Largest gland of human body is:

- (a) Adrenal gland (b) Liver
(c) Pituitary gland (d) Kidney

59. Which ancient city of the Indus Valley Civilization was famous for its dockyard?

- (a) Harappa (b) Mohenjo-Daro
(c) Lothal (d) Kalibangan

60. Which Indian founded the Natal Indian Congress (NIC)?

- (a) Mahatma Gandhi
(b) Jawaharlal Nehru
(c) Dadabhai Naoroji
(d) Gopal Krishna Gokhale

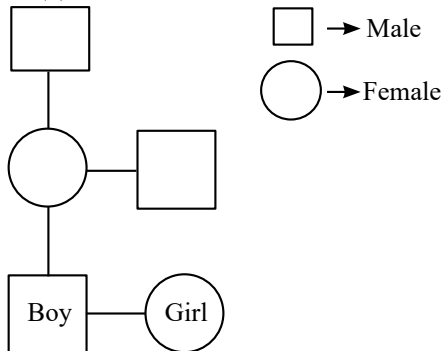


Answer Key

- | | | | | | | | | | |
|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 1. (a) | 2. (d) | 3. (c) | 4. (a) | 5. (c) | 6. (a) | 7. (d) | 8. (c) | 9. (d) | 10. (a) |
| 11. (a) | 12. (c) | 13. (d) | 14. (a) | 15. (c) | 16. (d) | 17. (a) | 18. (c) | 19. (b) | 20. (b) |
| 21. (a) | 22. (d) | 23. (a) | 24. (d) | 25. (c) | 26. (a) | 27. (b) | 28. (b) | 29. (d) | 30. (b) |
| 31. (b) | 32. (c) | 33. (b) | 34. (d) | 35. (d) | 36. (a) | 37. (d) | 38. (c) | 39. (b) | 40. (c) |
| 41. (d) | 42. (d) | 43. (b) | 44. (c) | 45. (c) | 46. (b) | 47. (b) | 48. (a) | 49. (c) | 50. (b) |
| 51. (d) | 52. (a) | 53. (c) | 54. (d) | 55. (d) | 56. (d) | 57. (c) | 58. (b) | 59. (c) | 60. (a) |

Explanations

1. (a)

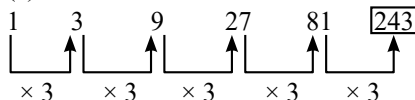


Thus, the Boy is brother of the Girl.

2. (d) 6 Z k B M V d

M — N
Q S K B W A Q

3. (c) The Pattern of the series is:



4. (a)

Torque → Torrid → Torso → Tortoise → Tortuous.

(iv) (ii) (iii) (i) (v)

5. (c) "Fear" emerges when there is "Threat". Similarly, "Anger" emerges when there is "Provocation".

6. (a) The clock loses 16 minutes in 24 hr. that means it takes 24 hr 16 minutes where it should have taken 24 hr.

Now, Total hours from 5am from 1st day to 10 pm on 4th day.

$$= 24 \times 3 + 17 = 89 \text{ hr}$$

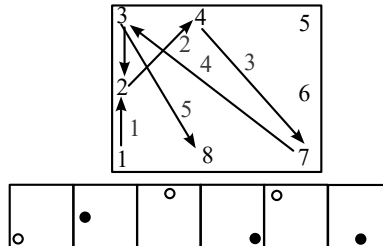
So, in 89hr it loses

$$= 89 \times \frac{16}{24} = 59.33 \approx 60 \text{ min} = 1 \text{ hr}$$

So, true time on 4th day is (10 + 1) = 11 pm

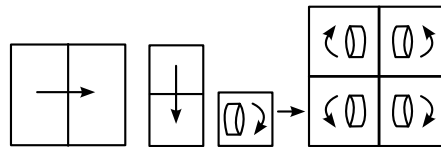
7. (d) Logic: Step1: dots are moving according to given arrow

Step 2: dots are filled alternately.

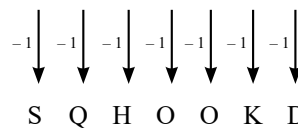


8. (c) Sun rises in the east in the morning. Since the shadow of Suresh falls to his right. So he is facing South.

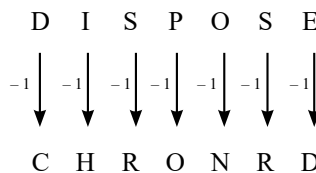
9. (d)



10. (a) As, T R I P P L E



Similarly,



11. (a) As, (9 + 28 + 60 + 72) = 169

$$\Rightarrow \sqrt{169} = 13$$

$$(24 + 36 + 12 + 9) = 81 \Rightarrow \sqrt{81} = 9$$

$$\text{Similarly, } (41 + 32 + 23 + 48) = 144$$

$$\Rightarrow \sqrt{144} = 12$$

12. (c) Rate of downstream

$$= \left(\frac{1}{10} \times 60 \right) \text{ km/hr} = 6 \text{ km/hr}$$

Rate of upstream = 2 km/hr.

$$\text{Speed in still water} = \frac{1}{2} (6 + 2) \text{ km/hr} = 4 \text{ km/hr.}$$

$$\therefore \text{Required time} = \left(\frac{5}{4} \right) \text{ hrs} = 1 \frac{1}{4} \text{ hrs} = 1 \text{ hr } 15 \text{ min.}$$

13. (d) Let initial price of rice = x

After 50% increases in price of rice

$$= \left(x + \frac{x \times 50}{100} \right) = \frac{3x}{2}$$

According to questions,

$$\frac{60}{x} - \frac{60}{\frac{3x}{2}} = 5$$

$$\Rightarrow \frac{60}{x} - \frac{120}{3x} = 5 \Rightarrow \frac{180 - 120}{3x} = 5$$

$$\therefore x = 4$$

$$\therefore \text{New price of rice} = \frac{3x}{2} = \frac{3 \times 4}{2} = \text{Rs } 6.$$

$$14. (a) \text{Average} = \frac{n+1}{2} = \frac{49+1}{2} = 25$$

15. (c) Let cost price of water heater be x

$$\text{Selling price} = x - \frac{20}{100}x = 3200$$

$$\Rightarrow \frac{80x}{100} = 3200$$

$$\Rightarrow x = 3200 \times \frac{100}{80} = 4000$$

\therefore New selling price

$$= 4000 + 4000 \times \frac{20}{100} = \text{Rs } 4800$$

Test Booklet No.

12550365

Subject : GENERALTEST

Code : 501 E

Medium : English

Test Booklet Code



(Do not open this Test Booklet until you are asked to do so)

Time Allowed : 60 minutes	Maximum Marks : 250	Total Questions : 60	Number of questions to be answered : 50
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Kindly read the Instructions given on this Page and Back Page carefully before attempting this Question Paper.

Important Instructions for the Candidates :

1. This Test Booklet contains **60** questions printed in English. Out of these, the candidate is required to answer any **50** questions. If a candidate answers more than 50 questions, the first 50 answered questions will be considered for evaluation.
2. When you are given the OMR Answer Sheet, fill your particulars on it carefully with **blue/black** ball point pen only.
3. Use only Blue/Black Ball Point Pen for marking responses.
4. The CODE for this Test Booklet is **A**. Make sure that the CODE printed on the OMR Answer Sheet is the same as that on this Test Booklet. Also ensure that your Test Booklet No. and OMR Answer Sheet No. are exactly the same. In case of discrepancy, the candidate should immediately report the matter to the Invigilator for replacement of both the Test Booklet and the OMR Answer Sheet. No claim in this regard will be entertained after five minutes from the start of the examination.
5. Before attempting the question paper kindly check that this Test Booklet has total **12** pages and OMR Answer Sheet consists of one sheet. At the start of the examination within first five minutes, candidates are advised to ensure that all pages of Test Booklet and OMR Answer Sheet are properly printed and they are not damaged in any manner.
6. Each question has four answer options. Out of these four options choose the **MOST APPROPRIATE OPTION** and darken/blacken the corresponding circle on the OMR Answer Sheet with a Blue/Black Ball Point Pen.
7. Five (5) marks will be given for each correct answer. One (1) mark will be deducted for each incorrect answer. If more than one circle is found darkened/blackened for a question, then it will be considered as an incorrect answer. Unanswered questions will be given no mark.

Name of the Candidate (in Capital Letters) : _____

Application Number (in figures) : _____

Roll Number (in figures) : _____

Centre of Examination (in Capital Letters) : _____

Candidate's Signature : _____ Invigilator's Signature : _____

Facsimile signature stamp of Centre Superintendent : _____

1. A motorboat, whose speed is 15 km/hr in still water goes 30 km downstream and comes back in a total of 4 hours 30 minutes. The speed of the stream (in km/hr) is:
- (1) 4 (2) 5
(3) 6 (4) 10
2. A horse costing ₹ 80,000 one year ago now costs 25% less. Find the changed price.
- (1) 70,000 (2) 50,000
(3) 40,000 (4) 60,000
3. The average weight of 8 people is increased by 2.5 kg when one of them whose weight is 56 kg is replaced by a new man. The weight of new man is:
- (1) 66 kg (2) 75 kg
(3) 67 kg (4) 76 kg
4. On selling 17 balls at ₹ 720, there is a loss equal to the cost price of 5 balls. The cost price of a ball is:
- (1) ₹ 45 (2) ₹ 50
(3) ₹ 55 (4) ₹ 60
5. A person has covered a distance of 60 km in 2 hours in a bike. Calculate the speed of the bike.
- (1) 30 km/h (2) 45 km/h
(3) 60 km/h (4) None
6. Given are the scores of a batsman in the last 10 innings. Find the median score of the batsman in these innings.
65, 180, 81, 6, 63, 27, 122, 8, 165, 50
- (1) 64.5 (2) 64
(3) 65 (4) 63
7. An accurate clock shows 8 o'clock in the morning. By how many degrees will the hour hand rotate when the clock shows 2 o'clock in the afternoon?
- (1) 144° (2) 150°
(3) 168° (4) 180°
8. What is the area of an equilateral triangle of side of 16 cm?
- (1) $48\sqrt{3} \text{ cm}^2$ (2) $128\sqrt{3} \text{ cm}^2$
(3) $96\sqrt{3} \text{ cm}^2$ (4) $64\sqrt{3} \text{ cm}^2$
9. Find the greatest number that will divide 43, 91 and 183 so as to leave the same remainder in each case.
- (1) 4 (2) 7
(3) 9 (4) 13
10. Pipes A and B can fill a tank in 5 and 6 hours respectively. Pipe C can empty it in 12 hours. If all the pipes are opened together, then the tank will be filled in:
- (1) $1\frac{13}{17}$ hours (2) $2\frac{8}{11}$ hours
(3) $3\frac{9}{17}$ hours (4) $4\frac{1}{2}$ hours

GENERAL TEST



**PHYSICS
WALLAH**

STUDENT NAME (IN BLOCK LETTER ONLY)

[illegible]

IMPORTANT INSTRUCTIONS

- **Darken the circle deeply for each question in the OMR Answer Sheet as shown in the below example. Half-darkened might be rejected by the Optical Scanner**

CORRECT METHOD



WRONG METHODS



- Use a blue/black ballpointed pen to record the answer.
- Rough work must not be done on the answer sheet.
- Please do not make any stray marks on the answer sheet.

ROLL No.

0	0	0	0	0	0	0
1	1	1	1	1	1	1
2	2	2	2	2	2	2
3	3	3	3	3	3	3
4	4	4	4	4	4	4
5	5	5	5	5	5	5
6	6	6	6	6	6	6
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9	9	9	9	9	9	9

Subject Code

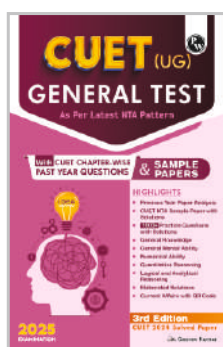
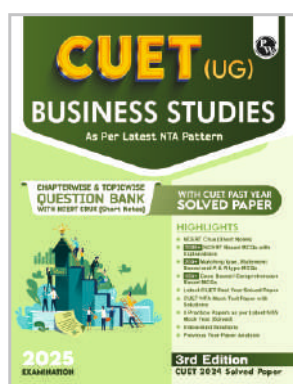
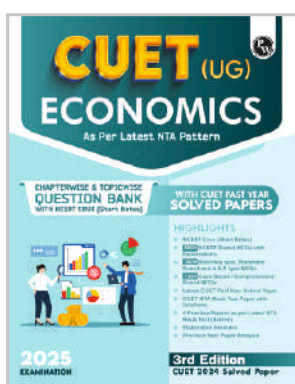
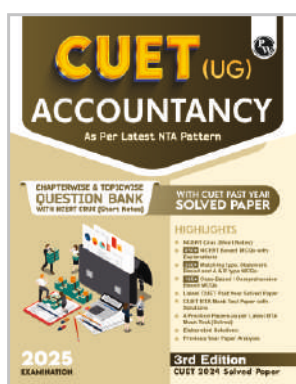
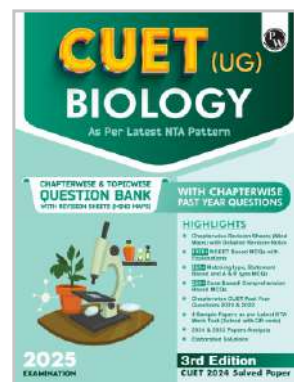
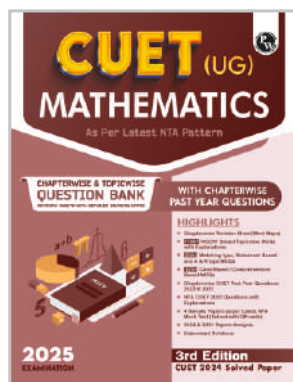
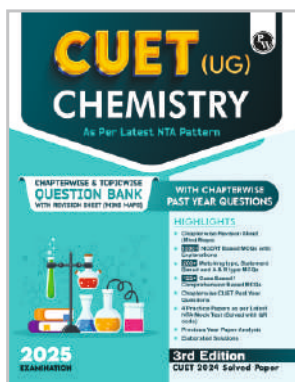
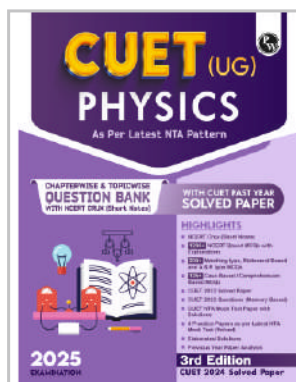
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9	9	9

Centre Code

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8	8	8
9	9	9

Q.No.	Response	Q.No.	Response	Q.No.	Response	Q.No.	Response	Q.No.	Response	Q.No.	Response
1.	① ② ③ ④	11.	① ② ③ ④	21.	① ② ③ ④	31.	① ② ③ ④	41.	① ② ③ ④	51.	① ② ③ ④
2.	① ② ③ ④	12.	① ② ③ ④	22.	① ② ③ ④	32.	① ② ③ ④	42.	① ② ③ ④	52.	① ② ③ ④
3.	① ② ③ ④	13.	① ② ③ ④	23.	① ② ③ ④	33.	① ② ③ ④	43.	① ② ③ ④	53.	① ② ③ ④
4.	① ② ③ ④	14.	① ② ③ ④	24.	① ② ③ ④	34.	① ② ③ ④	44.	① ② ③ ④	54.	① ② ③ ④
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6.	① ② ③ ④	16.	① ② ③ ④	26.	① ② ③ ④	36.	① ② ③ ④	46.	① ② ③ ④	56.	① ② ③ ④
7.	① ② ③ ④	17.	① ② ③ ④	27.	① ② ③ ④	37.	① ② ③ ④	47.	① ② ③ ④	57.	① ② ③ ④
8.	① ② ③ ④	18.	① ② ③ ④	28.	① ② ③ ④	38.	① ② ③ ④	48.	① ② ③ ④	58.	① ② ③ ④
9.	① ② ③ ④	19.	① ② ③ ④	29.	① ② ③ ④	39.	① ② ③ ④	49.	① ② ③ ④	59.	① ② ③ ④
10.	① ② ③ ④	20.	① ② ③ ④	30.	① ② ③ ④	40.	① ② ③ ④	50.	① ② ③ ④	60.	① ② ③ ④

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