

CG Pre BEd 2019 Solution PDF

GENERAL MENTAL ELIGIBILITY

Question 2:

Find the missing number in the following number series: 2, 5, 9, 7, 10, 14, ?, 16, 20, 20, 23, 27, 28

- (A) 11
- (B) 14
- (C) 13
- (D) None of these

Answer: (C) 13

Solution: The series alternates between adding and subtracting increasing values:

- Start with 2, add 3 to get 5.
- Add 4 to get 9.
- Subtract 2 to get 7.
- Add 3 to get 10.
- Add 4 to get 14.
- Subtract 1 to get 13.
- Add 3 to get 16.

Thus, the missing number is 13.

Question 4:

In the series below, find which will fill the blank? OBDR, QACT, (?), UYAX, WXZZ

- (A) ASVD
- (B) SZBV
- (C) RAAV
- (D) SZBU

Answer: (B) SZBV

Solution: The pattern in the series involves alternating letters and positions:

- O to Q (increase by 2)
- B to A (decrease by 1)
- D to C (decrease by 1)
- R to T (increase by 2)
- Following this pattern, SZBV fits the blank.

Question 9:

Find the missing numbers in the following number series: 69, 70, 66, 57, ?, 16

- (A) 41
- (B) 50
- (C) 40
- (D) 35

Answer: (A) 41

Solution: The pattern shows alternating operations:

- $69 + 1 = 70$
- $70 - 4 = 66$
- $66 - 9 = 57$
- $57 - 16 = 41$
- $41 - 25 = 16$

Thus, the missing number is 41.

Question 10:

Find which of the following comes in blank space? COD, BOE, AOF, (?)

- (A) XOF
- (B) ZOB
- (C) ZOH
- (D) ZOG

Answer: (B) ZOB

Solution: The pattern shows the letters decrementing and changing position:

- COD (C, O, D)
- BOE (B, O, E)
- AOF (A, O, F)
- ZOB (Z, O, B)

Thus, the missing sequence is ZOB

Question 15:

Choose the odd one:

- (A) 17
- (B) 19
- (C) 21
- (D) 23

Answer: (C) 21

Solution: The numbers 17, 19, and 23 are prime numbers. The number 21 is not a prime number, making it the odd one out.

Question 22:

Find the missing number in the following number series: 0, 2, 4, 7, 16, 20, 36,?....., 66, 72.

- (A) 71
- (B) 41
- (C) 60
- (D) None of these

Answer: (C) 60

Solution: Observe the series and see the pattern. This series follows a pattern where alternate numbers follow separate rules:

- 0, 4, 16, 36, 66 (This follows n^2+n)

- 2, 7, 20, ? (This follows n^2+n)

Question 27:

If 'AIRSTRIKE' is coded as 'KIRTSRIEA', then 'PATHANKOT' will be coded as:

- (A) OKNAHTATP
- (B) KONAHTATP
- (C) OKNAHTAPT
- (D) TOKNHATAP

Answer: (C) OKNAHTAPT

Solution: The coding pattern follows swapping letters from the end to the start while keeping the center intact. So:

- AIRSTRIKE -> KIRTSRIEA

Using the same pattern for PATHANKOT:

- First, reverse the string: TOKNAHTAP
- Swap first and last, second and second last, etc: OKNAHTAPT

Thus, the coded form of PATHANKOT is OKNAHTAPT.

Question 28:

If 'rat mat lat tat' is the code of 'Mohan is very young'; 'tat sat but fat' is the code of 'Boys may be young'; 'mat fat bat cat' is the code of 'Mohan may be handsome'; then what is the code of 'Boys may be handsome'?

- (A) cat fat rat sat
- (B) rat bat mat tat
- (C) cat fat bat sat
- (D) None of these

Answer: (C) cat fat bat sat

Solution: Identifying the codes:

- 'Mohan is very young' = rat mat lat tat

- 'Boys may be young' = tat sat but fat
- 'Mohan may be handsome' = mat fat bat cat

'tat' = young 'fat' = may 'sat' = Boys 'bat' = handsome 'cat' = be

Thus, 'Boys may be handsome' = sat fat cat bat.

So, the correct answer is (C) cat fat bat sat.

GENERAL KNOWLEDGE

Question 31: Which of the following state is largest in terms of population?

- (A) Maharashtra
- (B) Bihar
- (C) Uttar Pradesh
- (D) Madhya Pradesh

Answer: (C) Uttar Pradesh

Solution: Uttar Pradesh is the largest state in India by population, according to the latest census data.

Question 32:

Which of the following recommended that multipurpose schools should be introduced in the school education system?

- (A) Mudaliar Commission & 1952-53
- (B) Acharya Rammurty Committee & 1990
- (C) National Curriculum Framework & 2005
- (D) National Policy on Education & 1968

Answer: (B) Acharya Rammurty Committee & 1990

Solution: The Acharya Rammurty Committee in 1990 recommended the introduction of multipurpose schools in the school education system.

Question 33:

How many articles are there in the constitution?

- (A) 395 articles
- (B) 414 articles
- (C) 435 articles
- (D) 444 articles

Answer: (C) 435 articles

Solution: The Indian Constitution originally had 395 articles, but as of now, it contains 435 articles.

Question 34:

Which are components of the primary sector of the Indian economy?

- (i) Agriculture and Animal Husbandry
- (ii) Forestry
- (iii) Fishery
- (iv) Mining and Quarry

Answer: (D) (i), (ii), (iii), and (iv)

Solution: All the options listed are components of the primary sector of the Indian economy, which deals with natural resource extraction and production.

Question 35:

In view of structure, Meghalaya plateau is similar in period to:

- (A) Shivalik
- (B) Aravali
- (C) Chota Nagpur
- (D) Kumaon

Answer: (C) Chota Nagpur

Solution: Meghalaya plateau shares structural similarities with the Chota Nagpur plateau region.

Question 36:

What was the revised fiscal deficit rate fixed for the Indian economy in the year 2018-19?

- (A) 3.2% of GDP
- (B) 3.3% of GDP
- (C) 3.4% of GDP
- (D) 3.5% of GDP

Answer: (B) 3.3% of GDP

Solution: The fiscal deficit target for the Indian economy in 2018-19 was set at 3.3% of GDP.

Question 37:

Who of the following was the leader of the Oraon movement in the region of Chota Nagpur in 1914-15?

- (A) Vishnu Bhagat

- (B) Koya Bhagat
- (C) Shyam Bhagat
- (D) Jatra Bhagat

Answer: (B) Koya Bhagat

Solution: Koya Bhagat was a prominent leader in the Oraon movement in Chota Nagpur during 1914-15.

Question 38:

Old folded mountain is:

- (A) Aravali
- (B) Rocky
- (C) Andes
- (D) Himalaya

Answer: (A) Aravali

Solution: The Aravali Range is considered an old folded mountain range.

Question 39:

Which of the following movements was inspired by Henry Vivian Derozio?

- (A) Young Christian Movement
- (B) Young Bengal Movement
- (C) Young Protestant Movement
- (D) Yugantar Movement

Answer: (B) Young Bengal Movement

Solution: Henry Vivian Derozio inspired the Young Bengal Movement during the Bengal Renaissance in the early 19th century.

Question 40:

What was the estimated State Gross Domestic Product's growth rate for the year 2018-19 at constant prices in Chhattisgarh?

- (A) 7.08%
- (B) 6.08%
- (C) 5.08%
- (D) 6.58%

Answer: (C) 5.08%

Solution: The estimated State Gross Domestic Product (GDP) growth rate for the year 2018-19 at constant prices in Chhattisgarh was 5.08%.

Question 41: Who amongst the following invented the E-mail?

- (A) Vint Cerf
- (B) James Gosling
- (C) Tim Berners-Lee
- (D) Ray Tomlinson

Answer: (D) Ray Tomlinson

Solution: Ray Tomlinson is credited with inventing email.

Question 42: The theme of 4th International Yoga Day, June 21, 2018 was:

- (A) Yoga for Soul
- (B) Yoga for Peace
- (C) Yoga for Health
- (D) Yoga for Harmony

Answer: (C) Yoga for Health

Solution: The theme of the 4th International Yoga Day was "Yoga for Health".

Question 43: At which of the following conference the Non-Alignment Policy of India was conceived?

- (A) Bandung conference
- (B) Delhi conference
- (C) Cairo conference
- (D) Manila conference

Answer: (A) Bandung conference

Solution: The Non-Alignment Policy of India was conceived at the Bandung conference.

Question 44: In the following which oil region is situated in Gujarat?

- (A) Badarpur
- (B) Lunej
- (C) Basin
- (D) Naharkatiya

Answer: (B) Lunej

Solution: Lunej is an oil region situated in Gujarat.

Question 45: Assessment for learning is to:

- (A) Provide ranking to the students in the class.
- (B) Create stress among the students.
- (C) Be done only once in the whole academic year.
- (D) Improve learning by providing constructive feedback.

Answer: (D) Improve learning by providing constructive feedback.

Solution: Assessment for learning aims to improve learning outcomes through feedback.

Question 46: Which of the following is matched in the context of Head of the House?

(i) Speaker of State Legislative Assembly.

(ii) Chairman of State Legislative Council.

(iii) Speaker of Lok Sabha.

(iv) Chairman of Rajya Sabha.

(A) (i)

(B) (i), (ii)

(C) (i), (ii), (iii)

(D) (i), (ii), (iii), (iv)

Answer: (D) (i), (ii), (iii), (iv)

Solution: Each option matches the respective position in the legislative bodies.

Question 47: Who can be removed by Impeachment?

(i) President

(ii) Judges of Supreme Court

(iii) Judges of High Court

(iv) Chief Election Commissioner

(A) (i)

(B) (i), (ii)

(C) (i), (ii), (iii)

(D) (i), (ii), (iii), (iv)

Answer: (D) (i), (ii), (iii), (iv)

Solution: All options can be removed by impeachment according to the Indian Constitution.

Question 48: By which of the following West Nile virus is transmitted?

(A) Bugs

(B) Sand flies

(C) Mosquito

(D) Black flies

Answer: (C) Mosquito

Solution: The West Nile virus is primarily transmitted by mosquitoes.

Question 49: What is the annual growth rate of population in India during 2001 to 2011 decade?

- (A) 1.93%
- (B) 2.14%
- (C) 1.64%
- (D) 1.61%

Answer: (B) 2.14%

Solution: The annual population growth rate in India during 2001 to 2011 was 2.14%.

Question 50: National Council of Educational Research and Training (NCERT) reviewed the NCF, 2000 in the light of the report:

- (A) Learning Without Burden & 1993
- (B) Kothari Commission & 1964
- (C) National Policy on Education & 1986
- (D) Dr. Radhakrishnan Commission & 1948

Answer: (A) Learning Without Burden & 1993

Solution: NCERT reviewed the National Curriculum Framework (NCF), 2000 in the light of the report "Learning Without Burden" in 1993.

EDUCATIONAL INTEREST

Question 51: What will you do as Principal, if a teacher of the school does not come to a function of the school on time?

- (A) You will ask him to meet you after the function is over.
- (B) You will complain this to the management committee of the school.
- (C) You will scold him before everyone.
- (D) You will tell him about his responsibilities.

Answer: (D) You will tell him about his responsibilities.

Solution: Reminding the teacher of their responsibilities is a constructive approach to addressing tardiness.

Question 52: Which of the following attributes would correctly define learning?

- (A) Understanding, imagination, and workmanship.
- (B) Change of behavior, practice, and experience.
- (C) Belief, creativity, and endurance.
- (D) Intuition, intelligence, and memorization.

Answer: (B) Change of behavior, practice, and experience.

Solution: Learning involves a change in behavior, practice, and experience, reflecting an accurate understanding of the process.

Question 53: Which of the following is not an output device?

- (A) Printer
- (B) Speaker
- (C) Monitor
- (D) Keyboard

Answer: (D) Keyboard

Solution: A keyboard is an input device, not an output device.

Question 54: What should a teacher do when examinations are near?

- (A) Complete the syllabus by calling students at his home.
- (B) Complete the syllabus by devoting extra time in school.
- (C) Ask the students to complete the syllabus themselves.
- (D) Help them solving with important questions.

Answer: (B) Complete the syllabus by devoting extra time in school.

Solution: Devoting extra time in school helps ensure the syllabus is completed before examinations.

Question 55: It is said that there are individual differences among students in a class. The fact is:

- (A) Great hinderance to teachers in teaching.
- (B) A suggestion for teachers to be careful in teaching.
- (C) Purely a historical evidence that is outdated today.
- (D) Supported by lazy teachers to find excuses for their weaknesses.

Answer: (B) A suggestion for teachers to be careful in teaching.

Solution: Recognizing individual differences suggests that teachers should adapt their teaching methods to cater to diverse student needs.

Question 56: The concept of practical intelligence is given by:

- (A) Gardner
- (B) Sternberg
- (C) Piaget
- (D) Binet

Answer: (B) Sternberg

Solution: Sternberg is known for his theory of practical intelligence.

Question 57: Techniques used by a teacher to teach include:

- (a) Lecture
- (b) Interactive lecture
- (c) Group work
- (d) Self-study

Select the correct answer from the codes given below:

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

Answer: (A) (a), (b), and (c)

Solution: Lecture, interactive lecture, and group work are common teaching techniques.

Question 58: Which of the following statements about teaching aids is the most correct?

- (A) They help in retaining concepts for a longer duration.
- (B) They help students learn better.

- (C) They make the teaching-learning process interesting.
- (D) They enhance rote learning.

Answer: (C) They make the teaching-learning process interesting.

Solution: Teaching aids enhance the learning process by making it more engaging and interactive.

Question 59: Children of today are under greater emotional stress than the emotional stress of children a century ago. Why?

- (A) Society today is more complex.
- (B) Bonds with members of the family are weakened.
- (C) Schools have not adjusted to children.
- (D) Parents take less interest in children.

Answer: (A) Society today is more complex.

Solution: Increased societal complexities contribute to greater emotional stress among children today.

Question 60: In the context of the habit of absenteeism of students:

- (A) The principal and parents should get worried.
- (B) The officials of the schools should take action against them as per school's discipline.
- (C) The teachers should take it as a serious problem.
- (D) They should be given less priority in the classroom in relation to regular students.

Answer: (C) The teachers should take it as a serious problem.

Solution: Absenteeism should be addressed seriously by teachers to ensure regular attendance and academic progress.

Question 61: One fundamental principle of motivation which inspires students to work harder is when:

- (A) Students set their own goals.
- (B) Students follow reasonable goals set by others.

- (C) Students know that punishment may follow.
- (D) Students know they will receive rewards.

Answer: (D) Students know they will receive rewards.

Solution: The promise of rewards serves as a motivational factor for students to work harder.

Question 62: What is the name of a system of instruction that seeks to enable all students to achieve instructional objectives by allowing learning time to vary?

- (A) Corrective instruction.
- (B) Insight learning.
- (C) Mastery criterion.
- (D) Mastery learning.

Answer: (D) Mastery learning.

Solution: Mastery learning allows students to achieve mastery of subjects at their own pace before moving to the next level.

Question 63: You have a class which is very heterogeneous in height. You should allow a seating arrangement:

- (A) Which is random.
- (B) Where smaller students are allowed to sit in such a way that they can see and participate easily in class actively.
- (C) Which is purely based on height.
- (D) That has taller students on one side of the class.

Answer: (B) Where smaller students are allowed to sit in such a way that they can see and participate easily in class actively.

Solution: This seating arrangement accommodates differences in height while promoting active participation.

Question 64: Which of the following is most appropriate about your honesty?

- (A) I am the most honest person.
- (B) I have done all my tasks with a sense of duty.

- (C) I never accepted any gift for any work.
- (D) I have turned down so many tempting offers.

Answer: (B) I have done all my tasks with a sense of duty.

Solution: This option reflects a responsible attitude towards tasks.

Question 65: Sunday night, Neha studied for a test on Monday morning. She remembered the material quite accurately on Monday and got an A on the test. However, when she took a review test two weeks later, she could no longer remember the same material. How far in Neha's memory did the material get?

- (A) It reached her sensory register.
- (B) It reached her working memory.
- (C) It reached her long-term memory.
- (D) It never got into her memory at all.

Answer: (C) It reached her long-term memory.

Solution: Forgetting after a longer period suggests the material was stored in long-term memory initially.

Question 66: Teachers who are enthusiastic in classroom teaching:

- (A) Simply dramatize to hold the students' attention.
- (B) Often lose proficiency in the subjects which stay hidden under their enthusiasm.
- (C) Involve the students in teaching-learning process.
- (D) All of the above.

Answer: (C) Involve the students in teaching-learning process.

Solution: Enthusiastic teachers actively involve students, enhancing engagement and learning outcomes.

Question 67: Which of the following cognitive abilities is of the highest level?

- (A) Knowing
- (B) Understanding
- (C) Analyzing
- (D) Evaluating

Answer: (D) Evaluating

Solution: Evaluating involves making judgments based on criteria, reflecting the highest cognitive ability among the options.

Question 68: What is the most effective way to reform the aggressive behavior of a child?

- (A) He should be kept in isolation.
- (B) Reasons for this behavior should be investigated.
- (C) He should be punished severely.
- (D) He should be ignored.

Answer: (B) Reasons for this behavior should be investigated.

Solution: Investigating reasons behind aggressive behavior helps in developing appropriate strategies for behavior modification.

GENERAL ENGLISH

Question 69: If a student does not pay any respect to you, then you will:

- (A) Ignore him
- (B) Award less marks in examination
- (C) Talk to his/her parents
- (D) Rebuke him

Answer: D

Solution: If a student does not pay any respect to you, then you will **rebuke** him.

Question 70: The best method of checking student's homework is:

- (A) To assign it to intelligent students of the class
- (B) To check the answers in the class in group manner
- (C) To check them with the help of specimen answer
- (D) To check by the teacher himself in a regular way

Answer: D

Solution: The best method of checking student's homework is to check by the teacher himself in a **regular** way.

Question 71: A reward that is external to the activity, such as recognition or a good grade is called:

- (A) An intrinsic incentive
- (B) An internal drive state
- (C) An extrinsic incentive
- (D) A primary reinforces

Answer: C

Solution: A reward that is external to the activity, such as recognition or a good grade is called an **extrinsic** incentive.

Question 72: Which quality is most important for students?

- (A) Hard work
- (B) Obedience
- (C) Humility
- (D) Independent thinking

Answer: D

Solution: **Independent thinking** is the most important quality for students.

Question 73: Behaviourists proposed that to study learning in an objective, scientific manner they must focus on two key things that can be observed. What are they?

- (A) Responses and Stimuli
- (B) Responses and Stimuli
- (C) Responses and Behaviourism
- (D) Memory and Response

Answer: A

Solution: Behaviourists proposed that to study learning in an objective, scientific manner they must focus on two key things that can be observed: **Responses** and **Stimuli**.

Question 74: Classroom teachers have which pair of qualities under their direct control?

- (A) Student's attention and quality of instruction
- (B) Room temperature and lighting
- (C) Student's attention and quality of instruction
- (D) Seat time and student's attention

Answer: A

Solution: Classroom teachers have **student's attention** and **quality of instruction** under their direct control.

Question 75: If the students of your school are not interested in doing work jointly, then what will you do?

- (A) All the teachers work jointly before them
- (B) Tell them about the importance of working jointly
- (C) Present examples related with it
- (D) Suggest them to read books on this matter

Answer: B

Solution: If the students of your school are not interested in doing work jointly, then you will **tell** them about the importance of working jointly.

Question 76: Priority to girl education should be given because:

- (A) Girls are more intelligent than the boys
- (B) The girls are lesser in number than boys
- (C) The girls were badly discriminated in favour of boys in the past
- (D) Only girls are capable of leading for social change

Answer: C

Solution: Priority to girl education should be given because the girls were badly discriminated in favour of boys in the **past**.

Question 77: What is a strategy for accommodating instruction to student differences?

- (A) Psychoanalysis
- (B) Student's T distribution
- (C) Between-class ability grouping
- (D) Administering students in class

Answer: C

Solution: A strategy for accommodating instruction to student differences is **between-class ability grouping**.

Question 78: What are some ways for a teacher to include visual imagery in his/her lesson plans?

- (A) Pictures

- (B) Maps
- (C) Graph
- (D) All of the above

Answer: D

Solution: Some ways for a teacher to include visual imagery in his/her lesson plans are **all of the above** (Pictures, Maps, Graph).

Question 79: A lesson that is developmentally appropriate for adolescents would be characterized by

- (A) Using flash cards for review
- (B) Memorization of fundamentals
- (C) Steady growth in understanding and capabilities
- (D) Repetition of important facts

Answer: C

Solution: A lesson that is developmentally appropriate for adolescents would be characterized by **steady growth** in understanding and capabilities.

Question 80: Dyslexia is associated with

- (A) Mental disorder
- (B) Behavioural disorder
- (C) Reading disorder
- (D) Writing disorder

Answer: C

Solution: Dyslexia is associated with **reading disorder**.

Question 91: Choose the correctly spelled word from the following:

- (A) Aparthied
- (B) Apartheid
- (C) Aparthed
- (D) Aparthad

Answer: B

Solution: The correctly spelled word is **Apartheid**.

Question 92: Choose the most appropriate words to fill in the blanks in the given sentence. They get wet if it

- (A) Will/rains
- (B) Will/rain
- (C) Will/rained
- (D) Would/rains

Answer: B

Solution: They **will/rain** get wet if it **rains**.

Question 93: Choose the most appropriate answer: 'Is swimming good for health'? In the above sentence, the underlined word swimming is used as:

- (A) Present Progressive (Present continuous)
- (B) Gerund
- (C) Present participle
- (D) Past participle

Answer: B

Solution: In the sentence 'Is swimming good for health?', the word 'swimming' is used as a **gerund**.

Question 94: Choose one word substitute for one who is centre of attraction:

- (A) Centrifugal
- (B) Centripetal
- (C) Cynosure
- (D) Cyto-centric

Answer: C

Solution: A one word substitute for one who is centre of attraction is **Cynosure**.

Question 95: What helped the Indians to conceive of a notion of the Englishmen?

- (A) Their advanced weaponry
- (B) Their literature
- (C) Their orders
- (D) Their administration

Answer: B

Solution: Indians conceived a notion of the Englishmen through **their literature**.

Question 96: Who could gain from English literature?

- (A) The educated Indians
- (B) All the Indians
- (C) Only writers such as Rabindranath Tagore
- (D) None of the above

Answer: A

Solution: The educated Indians could gain from **English literature**.

Question 97: Whose speeches did Tagore listen to, as a boy?

- (A) Shakespeare's
- (B) Byron's
- (C) John Bright's
- (D) Macaulay's

Answer: D

Solution: Tagore listened to **Macaulay's** speeches as a boy.

Question 98: Logical sequence of the sentences:

S1: The coming of the computer sparked the need for remotely operated controls.

P : It is silicon chip that is at the heart of the remote control.

Q : This produces an infra-red beam, which is made up of electromagnetic waves.

R : When you press the button on the remote control, the chip sets off an electric vibration.

S : The beam carries a coded signal such as switch on, raise volume etc.

S6: The code is based on binary digits.

Answer: D (RPQS)

Solution:

S1: The coming of the computer sparked the need for remotely operated controls.

R: When you press the button on the remote control, the chip sets off an electric vibration.

P: It is silicon chip that is at the heart of the remote control.

Q: This produces an infra-red beam, which is made up of electromagnetic waves.

S: The beam carries a coded signal such as switch on, raise volume etc.

S6: The code is based on binary digits.

Question 99: Logical sequence of the sentences:

S1: Health is the most valuable of all earthly possessions.

P : To enjoy good health we should refrain from excess in eating.

Q : Otherwise we will not get sound sleep.

R : We would eat only moderately and not devour whatever we get.

S : Without it all other possessions are worthless.

S6: The man who does not overeat rises early in the morning at ease with himself.

Answer: B (QSPR)

Solution:

S1: Health is the most valuable of all earthly possessions.

Q: Otherwise we will not get sound sleep.

S: Without it all other possessions are worthless.

P: To enjoy good health we should refrain from excess in eating.

R: We would eat only moderately and not devour whatever we get.

S6: The man who does not overeat rises early in the morning at ease with himself.

Question 100: Logical sequence of the sentences:

S1: There was a dacoit who used to rob rich people.

P : Once the Police managed to capture him.

Q : He was sent to prison for 10 years, but he managed to escape.

R : He helped the poor and the needy from the money so obtained.

S :

S6: He robbed rich people again.

Answer: A (PQRS)

Solution:

S1: There was a dacoit who used to rob rich people.

P: Once the Police managed to capture him.

Q: He was sent to prison for 10 years, but he managed to escape.

R: He helped the poor and the needy from the money so obtained.

S:

S6: He robbed rich people again.

