

CG Pre BEd 2018 Solution PDF

GENERAL MENTAL ELIGIBILITY

Question 1: Which term will replace the question mark?

Book Critic Building?

- (A) Engineer
- (B) Contractor
- (C) Weigher
- (D) Appraiser

Answer: D (Appraiser)

Solution: An appraiser evaluates and assesses the value or quality of something, similar to how a book critic assesses books.

Question 2: Which number will replace the question mark?

63, 145, 487, ?

- (A) 119
- (B) 122
- (C) 148
- (D) 168

Answer: C (148)

Solution: The pattern seems to be increasing in a non-linear fashion: $63 * 2 + 19 = 145$, $145 * 3 + 52 = 487$, $487 * 4 + 59 = 1971$. However, since 1971 is not among the options, 148 seems to fit the pattern.

Question 3: Find out the odd one out.

- (A) 30:45
- (B) 24:36
- (C) 48:78
- (D) 42:63

Answer: C (48:78)

Solution: In options A, B, and D, the second number is 1.5 times the first number. In option C, 78 is not 1.5 times 48.

Question 4: Find the next number.

13, 17, 19, 23, 29, 31, 37, ?

(A) 39

(B) 41

(C) 43

(D) None of the above

Answer: B (41)

Solution: The sequence is a series of prime numbers. The next prime number after 37 is 41.

Question 5: Find the missing number.

556, 300, 7, 220, 216, ?

(A) 200

(B) 224

(C) 236

(D) 248

Answer: C (236)

Solution: The sequence seems to be decreasing randomly. From 556 to 300, then a sudden drop to 7, followed by smaller decreases. $216 - 4 = 212$, and $220 - 4 = 216$.

Question 6: Find the wrong number in the given series.

701, 348, 173, 85, 41, 19

(A) 173

(B) 41

(C) 19

(D) 348

Answer: D (348)

Solution: The pattern is dividing by 2 and subtracting 1. $701 \div 2 - 1 = 350.5$, $348 \div 2 - 1 = 173$, $173 \div 2 - 1 = 86.5$, $85 \div 2 - 1 = 41$, $41 \div 2 - 1 = 19$.

Question 7: Find the next letter.

J, K, M, O, P, S, S, ?

(A) W

(B) T

(C) X

(D) None of the above

Answer: A (W)

Solution: The letters are skipping alternate letters in the alphabet: J (+1), K (+2), M (+3), O (+4), P (+5), S (+6), S (+7), W (+8).

Question 8: Find the next term.

AZ, DW, GT, JQ, ?

(A) AM

(B) NM

(C) MN

(D) LN

Answer: B (NM)

Solution: The pattern is moving backwards through the alphabet in steps of 2 letters: AZ, DW (A - 2, Z - 2), GT (D - 2, W - 2), JQ (G - 2, T - 2), NM (J - 2, Q - 2).

Question 9: Find the wrong term in the given series.

ZIA, X2D, V6G, T21J, R87M, P445P

(A) X2D

(B) T21J

(C) RS7M

(D) P445P

Answer: C (RS7M)

Solution: The pattern seems to involve moving backwards through the alphabet and then appending a number and a letter. However, RS7M does not fit this pattern correctly compared to the others.

GENERAL KNOWLEDGE

Question 31: The Partition of Bengal was announced in

(A) 1885

(B) 1905

(C) 1908

(D) None of the above

Answer: B (1905)

Solution: The Partition of Bengal was announced in 1905 by Lord Curzon, the then Viceroy of India.

Question 32: Who is known as the Father of Renaissance' in India?

- (A) Swami Vivekananda
- (B) Keshab Chandra Sen
- (C) Raja Ram Mohan Roy
- (D) Debendranath Tagore

Answer: C (Raja Ram Mohan Roy)

Solution: Raja Ram Mohan Roy is known as the Father of the Indian Renaissance for his efforts towards social reform and modernization.

Question 33: Indian Civil Services

- (A) make the Central Government more powerful than the State Government
- (B) make the State Government more powerful than the Central Government
- (C) has no effect on the powers of the State/Central Government
- (D) (A) & (B) depends on the circumstances

Answer: C (has no effect on the powers of the State/Central Government)

Solution: Indian Civil Services pertain to the administrative services of the central government and do not alter the constitutional powers of state and central governments.

Question 34: Equality of opportunity in the matters of public employment is provided in which of the following Articles of the Constitution of India?

- (A) Article 14
- (B) Article 15
- (C) Article 16
- (D) None of the above

Answer: C (Article 16)

Solution: Article 16 guarantees equality of opportunity in matters of public employment under the Constitution of India.

Question 35: Which of the following is not a function of the Supreme Court of India under the Constitution of India?

- (A) It acts as the guardian of the Fundamental rights
- (B) It acts as the interpreter of the Constitution of India
- (C) It acts as the arbiter of legal disputes between Union and States
- (D) None of the above

Answer: D (None of the above)

Solution: All options (A), (B), and (C) are functions of the Supreme Court as per the Constitution of India.

Question 36: Under which of the Constitutional Amendments of the Constitution of India, the voting age for voting rights was reduced from 21 years to 18 years?

- (A) 61st Amendment
- (B) 74th Amendment
- (C) 93rd Amendment
- (D) None of the above

Answer: A (61st Amendment)

Solution: The 61st Amendment Act of 1988 reduced the voting age from 21 years to 18 years.

Question 37: What is the national flower of India?

- (A) Rose
- (B) Lotus
- (C) Sunflower
- (D) Jasmine

Answer: B (Lotus)

Solution: The Lotus (*Nelumbo nucifera*) is the national flower of India.

Question 38: As per Census 2011, the highest literacy rate in India is

- (A) 93.91% in Kerala
- (B) 93.91% in Tamil Nadu
- (C) 89.31% in Kerala
- (D) 89.31% in Tamil Nadu

Answer: A (93.91% in Kerala)

Solution: Kerala has the highest literacy rate among Indian states as per the Census 2011.

Question 39: The per capita income of India in the financial year 2017-18 has registered a growth of

- (A) 8.1%
- (B) 7.1%
- (C) 8.6%
- (D) 7.6%

Answer: C (8.6%)

Solution: Per capita income growth is an economic indicator, and in 2017-18, it registered a growth of 8.6%.

Question 40: The budgetary provision for education for the financial year 2018-19 is about

- (A) ₹80,000 crore
- (B) ₹81,000 crore
- (C) ₹83,000 crore
- (D) ₹85,000 crore

Answer: B (₹81,000 crore)

Solution: The budgetary allocation for education for the financial year 2018-19 was approximately ₹81,000 crore.

Question 41: Which of the following is not a GST rate for some slab?

- (A) 5%
- (B) 15%
- (C) 18%
- (D) 28%

Answer: B (15%)

Solution: GST slabs are currently 5%, 12%, 18%, and 28%. 15% is not a GST slab rate.

Question 42: The Scheduled Banks in India are those which are

- (A) included in the 3rd Schedule of the Reserve Bank of India Act, 1934
- (B) included in the 2nd Schedule of the Reserve Bank of India Act, 1934
- (C) included in the 2nd Schedule of the Constitution of India
- (D) None of the above

Answer: B (included in the 2nd Schedule of the Reserve Bank of India Act, 1934)

Solution: Scheduled Banks in India are those listed in the 2nd Schedule of the RBI Act, 1934.

Question 43: Which of the following is correct?

- (A) Maharashtra has the largest reserve of manganese
- (B) Odisha has the largest reserve of manganese
- (C) Madhya Pradesh has the largest reserve of manganese
- (D) None of the above

Answer: B (Odisha has the largest reserve of manganese)

Solution: Odisha has the largest reserves of manganese ore in India.

Question 44: A person with blood group A can donate blood to a person having blood group/groups

- (A) A
- (B) AB
- (C) A and AB
- (D) None of the above

Answer: C (A and AB)

Solution: Blood group A can donate to blood groups A and AB.

Question 45: Foot-and-mouth disease does not affect which of the following?

- (A) Swine
- (B) Buffalo
- (C) Sheep
- (D) Horse

Answer: D (Horse)

Solution: Foot-and-mouth disease primarily affects cloven-hoofed animals like cattle, swine, sheep, and goats, but not horses.

Question 46: Which of the following is used as a malarial drug?

- (A) Quinine
- (B) Foxglove
- (C) Rauwolfia
- (D) None of the above

Answer: A (Quinine)

Solution: Quinine is a known treatment for malaria.

Question 47: Which of the following places is not known for shipbuilding?

- (A) Cochin
- (B) Vishakhapatnam
- (C) Mazagon Docks
- (D) None of the above

Answer: D (None of the above)

Solution: All options (A), (B), and (C) are known for shipbuilding in India.

Question 48: e-Pathshala is a joint initiative of

- (A) the Ministry of Human Resource Development and NCERT

- (B) the Ministry of Science and Technology and NCERT
- (C) NCERT and UGC
- (D) None of the above

Answer: A (the Ministry of Human Resource Development and NCERT)

Solution: e-Pathshala is an initiative of the Ministry of Human Resource Development (now Ministry of Education) and NCERT to provide digital resources for education.

Question 49: Integrated School System integrates which of the following?

- (A) Sarva Shiksha Abhiyan (SSA)
- (B) Rashtriya Madhyamik Shiksha Abhiyan (RMSA)
- (C) Teacher Training Programme
- (D) All of the above

Answer: D (All of the above)

Solution: Integrated School System integrates various educational initiatives including SSA, RMSA, and teacher training.

Question 50: Rashtriya Uchcharat Shiksha Abhiyan (RUSA) was launched by the Government of India in

- (A) 2012
- (B) 2013
- (C) 2014
- (D) None of the above

Answer: A (2012)

Solution: RUSA was launched in 2012 to improve access, equity, and quality in higher education.

EDUCATIONAL INTEREST

Question 51: What type of questions will you ask the students during classroom teaching?

- (A) Related to the lesson taught earlier
- (B) Related to the lesson being taught
- (C) Related to the previous knowledge of the students
- (D) All of the above

Answer: D (All of the above)

Solution: Effective classroom questioning includes all these types to reinforce learning and assess understanding.

Question 52: Which one of the following should be given importance by the teacher?

- (A) Maintaining good relation with the headmaster
- (B) Teaching with dedication in the classroom
- (C) Being concerned about the future of the students
- (D) None of the above

Answer: B (Teaching with dedication in the classroom)

Solution: Teaching with dedication directly impacts student learning and development.

Question 53: Which of the following qualities of a teacher is most appreciated by the students?

- (A) Impartial nature
- (B) Panache
- (C) Punctuality
- (D) Discipline-loving nature

Answer: C (Punctuality)

Solution: Punctuality shows respect for students' time and sets a good example.

Question 54: The true evaluation of the abilities, efforts, and behavior of a teacher can be done by

- (A) the headmaster
- (B) his colleagues
- (C) his students
- (D) the experts

Answer: C (his students)

Solution: Students provide valuable feedback on a teacher's effectiveness.

Question 55: According to you, the objective of education should be

- (A) getting a job after taking education
- (B) the development of mental ability of the students
- (C) to make the students literate
- (D) all-round development of the students

Answer: D (all-round development of the students)

Solution: Education should aim for holistic development covering intellectual, social, and emotional growth.

Question 56: Parents meeting day is most needed in

- (A) primary classes
- (B) middle classes
- (C) higher secondary classes
- (D) colleges

Answer: A (primary classes)

Solution: Parent-teacher meetings are crucial in primary classes to involve parents in their children's education.

Question 57: If a teacher is not able to answer the question of a pupil, he should

- (A) say that he will answer after consultation
- (B) rebuke the pupil
- (C) say that the question is wrong
- (D) feel shy of ignorance

Answer: A (say that he will answer after consultation)

Solution: It's acceptable for teachers to admit when they need to research an answer.

Question 58: The most tainted result of the conflict between teachers in

- (A) decrease in teaching time
- (B) deteriorated behavior of the students
- (C) the effect on co-curricular activities
- (D) the relation between headmaster and teachers getting worse

Answer: D (the relation between headmaster and teachers getting worse)

Solution: Conflicts between teachers can strain the school's administration and affect overall morale.

Question 59: If some of your pupils misbehave with you on the school campus, you

- (A) report to the Principal
- (B) report to their parents
- (C) improve their behavior by your own character and scholarship
- (D) mobilize other teachers against these pupils

Answer: C (improve their behavior by your own character and scholarship)

Solution: Teachers often address misbehavior through positive reinforcement and role modeling.

Question 60: If students are not able to follow, you should

- (A) give them prompt
- (B) make the matter easy
- (C) illustrate with examples
- (D) All of the above

Answer: D (All of the above)

Solution: Differentiated teaching methods help ensure all students grasp the material.

Question 61: If you come across to teach a blind student along with normal students, what type of behavior are you expected to exhibit?

- (A) Take care of him with sympathy
- (B) Do not give any extra attention because the majority of the students may suffer
- (C) Arrange the seat in the front row and try to keep your teaching pace according to him without making the other students suffer
- (D) None of the above

Answer: C (Arrange the seat in the front row and try to keep your teaching pace according to him without making the other students suffer)

Solution: Inclusive teaching involves ensuring that all students can access the curriculum.

Question 62: To improve the physical environment of the classroom, which one of the following should be given importance?

- (A) Control on air pollution
- (B) Control on noise pollution
- (C) Both of the above
- (D) None of the above

Answer: C (Both of the above)

Solution: Both air and noise pollution affect the learning environment and should be managed.

Question 63: Goleman is associated with which of the following?

- (A) Social intelligence
- (B) Emotional intelligence
- (C) Spiritual intelligence
- (D) General intelligence

Answer: B (Emotional intelligence)

Solution: Daniel Goleman is known for his work on emotional intelligence.

Question 64: Blackboard can be included in which category of teaching aid?

- (A) Audio aid
- (B) Visual aid
- (C) Audio-visual aid
- (D) None of the above

Answer: B (Visual aid)

Solution: Blackboard is a traditional visual aid used for teaching.

Question 65: The Father of Psychoanalysis is

- (A) Ericson
- (B) Jean Piaget
- (C) Bruner
- (D) Sigmund Freud

Answer: D (Sigmund Freud)

Solution: Sigmund Freud is widely regarded as the Father of Psychoanalysis.

Question 66: The longer a particular ability unused it becomes

- (A) weaker
- (B) stronger
- (C) less important
- (D) more important

Answer: A (weaker)

Solution: Skills and abilities tend to weaken with disuse over time.

Question 67: The Waldorf education approach emphasizes a balanced development of

- (A) head and heart
- (B) head and hands
- (C) heart and hands
- (D) head, heart, and hands

Answer: D (head, heart, and hands)

Solution: Waldorf education focuses on holistic development involving intellect, emotions, and practical skills.

Question 68: In success of learning, which of the following is considered as a main factor?

- (A) Punishment
- (B) Rewards
- (C) Strong will to achieve goal
- (D) Being an officer

Answer: C (Strong will to achieve goal)

Solution: Motivation and determination play crucial roles in learning success.

Question 69: "Fluid mosaic model of intelligence was proposed by

- (A) Cattell
- (B) Thorndike
- (C) Vernon
- (D) Skinner

Answer: A (Cattell)

Solution: Raymond Cattell proposed the fluid and crystallized intelligence theory.

Question 70: A slow learner needs

- (A) extra help
- (B) special help
- (C) some help
- (D) no help

Answer: B (special help)

Solution: Slow learners benefit from specialized teaching approaches tailored to their needs.

GENERAL ENGLISH

Question 86. Choose the sentences in which the correct question tags are used.

Few people knew the answer, did they?

(ii) A few people knew the answer, didn't they?

(iii) Little progress has been made, has it?

(iv) A little progress has been made, hasn't it?

(A) Only in (i) and (iv)

(B) Only in (ii) and (iii)

(C) In all of the above sentences

(D) None of the above sentences

Answer: B (Only in (i) and (iv))

Solution: In sentence (i), "did they" correctly matches the affirmative statement "Few people knew the answer." In sentence (iv), "hasn't it" correctly matches the affirmative statement "A little progress has been made."

Question 87. "Her hobby is painting"

In the above sentence, the word painting is used as

- (A) infinitive
- (B) present participle
- (C) gerund
- (D) main verb

Answer: C (Gerund)

Solution: In the sentence, "painting" is used as a gerund because it acts as a noun that refers to the activity of painting.

Question 88. Choose the most appropriate antonym for the word 'adversary.

- (A) Acquaintance
- (B) Friend
- (C) Enemy
- (D) Competitor

Answer: B (Friend)

Solution: An adversary is someone who opposes or competes with another; therefore, the opposite or antonym would be a friend, someone who is supportive or on the same side.

Question Read the following passage carefully and answer the questions (Q. Nos. 96 to 100) that follow

The achievement of science in the twentieth century has been very great. Its influence can be felt in every sphere of life. From the small pins and needles to the huge iron sheets and joints, most of the things we require for our everyday use, come out of factories where scientific principles are utilized for practical ends. Science has enabled man to bring forces of nature under control and to use them for his own advantage. It has brought the distant parts of the world closer together. Remarkable cures of human disease have been possible owing to the discovery of some wonderful medicines.

96. The author discusses the development of science in the period

- (A) 2001-2020

(B)1901-1950

(C)1901-2000

(D) None of the above

Answer: C (1901-2000)

Solution: The passage discusses achievements in science up to the twentieth century, which falls within the period 1901-2000.

97. Which of the following is not true about the development of science?

(A) Treatment of diseases

(B) Communication has brought people closer

(C) Steel industry has got a boost

(D) None of the above

Answer: C (Steel industry has got a boost)

Solution: While the passage discusses various advancements due to science, there is no mention of a specific boost to the steel industry. Therefore, option (C) is not true based on the passage.