KVS Memory Based Question PDF - For TGT Maths (14 Feb 2023, Shift 1)

KVS General English Memory Based Questions

Q1. Select the synonym of the given word.
PILLAGE
(a) bequeath
(b) consign
(c) entrust
(d) desecrate
Ans. (d)

Q2. Find the antonym of the given word
NEFARIOUS
(a) atrocious
(b) detestable
(c) commendable
(d) heinous
Ans. (c)

Q3. Select the one which best expresses the same sentence in Passive/Active voice.
Let me eat.
(a) I should be eating.
(b) I will be eating.
(c) It is suggested that I eat.
(d) I may be allowed to eat.
Ans. (d)

Q4. Select the one which best expresses the same sentence in Indirect/Direct speech.
He said to me, "When I was a kid I could not go out alone."
(a) He told me that when he was a kid he was not allowed to go alone.
(b) He told me that when he was a kid he could not go out alone.
(c) He told me when he was a kid he couldn't go alone.
(d) He told me that when he was a kid he was not allowed alone.
Ans. (a)

Q5. Find the error
(A) Keshav is/ (B) the best worker/ (C) of the factory but unfortunately least paid. / (D) No error.
(a) A
(b) B
(c) C
(d) D
Ans. (c)

Q6. Fill in the blank with the correct article
After ___ long day, a cup of tea tastes particularly good.
(a) A
(b) The
(c) An
(d) No article
Ans. (a)

Q7. Choose the one that best expresses the meaning of the given idiom/phrase.
All Thumps
(a) To give your best
(b) Awkward and clumsy especially with one's hands
(c) To examine thoroughly
(d) To stop some activity, to stop working and go home
Ans. (b)

Q8. Choose the correct form of tense:
My father works in a bank and my sister studies in a school.
(a) Past Perfect Tense
(b) Future Perfect Tense
(c) Present Perfect Tense
(d) Present Continuous Tense
Ans. (d)

KVS General Hindi Memory Based Questions

Q1. "अंगूठा दिखाना" मुहावरे का अर्थ क्या होगा?
(a) अंगूठे की खूबसूरती दिखाना
(b) समय पर धोखा देना
(c) प्यार से मनाना
(d) उपर्युक्त में से कोई नहीं
Ans. (b)

Q2. निम्न में से कौन तत्सम शब्द नहीं है?
(a) नासिका
(b) मुख
(c) सूर्य
(d) उपर्युक्त सभी तत्सम शब्द हैं।
Ans. (d)

Q3. 'दुरुपयोग' शब्द में कौन सी संधि है?
(a) दीर्घ स्वर संधि
(b) व्यंजन संधि
(c) विसर्ग संधि
(d) वृद्धि स्वर संधि
Ans. (c)

Q4. 'औरस' का विलोम शब्द है-
(a) अनेकांत
(b) कापुरुष
(c) निष्कलुष
(d) दत्तक
Ans. (d)

Q5. 'लोगों में प्रचलित प्रमाणहीन बात', इस वाक्यांश के लिए एक शब्द का चयन कीजिए।
(a) कीर्तिशेष
(b) किंवदंती
(c) गतानुगतिक
(d) निस्पृह
Ans. (b)

निर्देश (6-10): निम्नलिखित काव्यांश को ध्यानपूर्वक पढ़िए और प्रश्नों के उत्तर देने के लिए उचित विकल्प का चयन कीजिए।

बहती वायु से उत्पन्न की गई ऊर्जा को पवन ऊर्जा कहते हैं। यह ऊर्जा प्रकृति पर निर्भर रहती है और यह कभी ना खत्म होने वाली ऊर्जा होती है पवन ऊर्जा बनाने के लिए हवादार जगहों पर पवन चक्कियों को लगाया जाता है जिनके द्वारा वायु की गतिज ऊर्जा यांत्रिक ऊर्जा में परिवर्तित हो जाती है। इस यांत्रिक ऊर्जा को जनरेटर की मदद से विद्युत में परिवर्तित किया जाता है। सामान्य शब्दों में कहें तो पवन ऊर्जा का तात्पर्य वायु से गतिज ऊर्जा को यांत्रिकी और विद्युत ऊर्जा के रूप में बदलना है। वर्तमान पर्यावरण **ह्रास** को देखते हुए इस बात की आवश्यकता है कि ऊर्जा उत्पादन हेतु नवीनीकृत ऊर्जा के संभाग को बढ़ाया जाए ताकि विकास एवं **पर्यावरण** के बीच संतुलन बना रहे।

Q6. गद्यांश के अनुसार, पवन चक्कियों द्वारा वायु की गतिज उर्जा किसमें परिवर्तित होती है?
(a) सौर उर्जा
(b) रासायनिक उर्जा
(c) यांत्रिक उर्जा
(d) गुरुत्वाकर्षण ऊर्जा
Ans. (c)

Q7. गद्यांश में प्रयुक्त शब्द 'पर्यावरण' का संधि-विच्छेद है-
(a) पर्या + वरण
(b) पय + आवरण
(c) परि + आवरण
(d) परिः + आवरण
Ans. (c)

Q8. गद्यांश के अनुसार, विकास एवं पर्यावरण के बीच संतुलन बनाये रखने के लिए किसे बढ़ाया जाना चाहिए?
(a) परमाणु ऊर्जा
(b) ऊष्मीय ऊर्जा
(c) अनवीनीकृत ऊर्जा
(d) नवीनीकृत ऊर्जा
Ans. (d)

Q9. गद्यांश में प्रयुक्त शब्द 'यांत्रिक' में कौन सा प्रत्यय है?
(a) ईक
(b) अक
(c) इक
(d) क
Ans. (c)

Q10. गद्यांश में प्रयुक्त शब्द 'ह्रास' का विलोम शब्द है?
(a) समष्टि
(b) वृष्टि
(c) वृद्धि
(d) परिहास
Ans.(c)

KVS General Awareness & Current Affairs Memory Based Questions

Q1. Om Prakash Mitharwal:
(a) Athletics
(b) Cricket
(c) Shooting
(d) Badminton
Ans. (c)

Q2. Who received Sahitya Academy Award 2022 for Bodo literature?
(a) Anuradha Roy
(b) Badri Narayan
(c) Praveen Bandekar
(d) Rashmi Choudhury
Ans. (d)

Q3. Math the following:

Dronacharya Award winner (2022)	Sport
A. Jiwanjot Singh Teja	1. Boxing
B. Mohammad Ali Qamar	2. Wrestling
C. Suma Siddharth Shirur	3. Para Shooting
D. Sujeet Maan	4. Archery

(a) A - 4, B - 2, C - 1, D - 3
(b) A - 4, B - 3, C - 3, D – 1
(c) A - 4, B - 1, C - 2, D – 3
(d) A - 4, B - 1, C - 3, D -2
Ans. (d)

Q4. Which one of the following is not a folded mountain?
(a) Rockies
(b) Himalayas
(c) Aravalli
(d) Kilimanjaro
Ans. (d)

Q5. Kapildhara Falls is situated on which river?
(a) Tapi
(b) Sharavati
(c) Narmada
(d) Indravati
Ans. (c)

Q6. To whom has the grant in aid for Panchayati Raj Institutions received from Finance Commission to be released?
(a) Collector
(b) Panchayat Samiti
(c) Gram Panchayat
(d) Zila Parishad
Ans. (c)

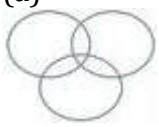
Q7. Which Article empowers the President to impose Financial Emergency?
(a) Article 356
(b) Article 352
(c) Article 364
(d) Article 360
Ans. (d)

Q8. Where is the headquarters of the International Union for Conservation of Nature?
(a) Gland, Switzerland
(b) Geneva, Switzerland
(c) Nairobi, Kenya
(d) The Hague, Netherlands
Ans. (a)

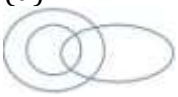
Q9. Who is the author of "Rusty Skies and Golden Winds" book?
(a) Sannidhya Sharma
(b) Krishnendra Pratap Singh
(c) Radha Sridharan
(d) Dinesh Kumar
Ans. (a)

Q10. Battle of Panipat was fought in the year 1526 between Babur and _____
(a) Rana Sanga
(b) Muhammad Bin Tughlaq
(c) Hemu
(d) Ibrahim Lodi
Ans. (d)

KVS Reasoning Ability Memory Based Questions

Q1. Identify the diagram that last represents the relationship among classes given below.
Mother, Lawyer and Female
(a)

(b)

(c)

(d)

Ans. (d)

Q2. **Direction:** There are statement(s) which are followed by conclusion(s). Choose the conclusion which logically follow from the given statements
Statement: All the organised persons find time for rest. Sunita, inspite of her very busy schedule, finds time for rest.
Conclusion:
I. Sunita is an organised person
II. Sunita is an Industrious person
(a) If only conclusion I follows;
(b) If only conclusion II follows;
(c) If neither I nor II follows; and
(d) If both I and II follow
Ans. (d)

Q3. Read the given statements and conclusions carefully and select which of the conclusions logically follow(s)
Statements: All mouse are Rat
Some Rat are tiger.
Conclusion I. Some tiger are rat
II. No mouse is tiger
(a) Only I follows
(b) Both I and II follow
(c) Neither I nor II follows
(d) Only II follows
Ans. (a)

Q4. B is husband of P. Q is the only grandson of E who is wife of D and mother-in-law of P. How B related to D?
(a) Cousin
(b) Nephew
(c) Son-in-law
(d) Son
Ans. (d)

Q5. **Direction:** A, B, C, D, E, F, G, and H are eight friends sitting on a circular table, facing the center. F is 2nd to the right of B, who is 2nd to the right of H. C is to the immediate right of A, who is 4th to the right of D. E is 2nd to the left of A and is 4th to the right of G.
Who is 3rd to the right of A?
(a) G
(b) H
(c) B
(d) D
Ans. (b)

KVS Computer Literacy Memory Based Questions

Q1. What is the full form of TCP?
(a) Transport Control Protocol
(b) Transmission Control Protocol
(c) Transport Commission Protocol
(d) Transmission Commission Protocol
Ans. (b)

Q2. Which is a popular language used with microcomputers and is an easy to use high level language?
(a) BASIC
(b) PASCAL
(c) COBOL
(d) FORTRAN
Ans. (c)

Q3. Web cam is an:
(a) input unit device
(b) output unit device
(c) processing device
(d) Input and Output device
Ans. (a)

Q4. A DVD is an example of a (n):
(a) Output device
(b) Hard disc
(c) Optical disc
(d) Solid-state storage device
Ans. (c)

Q5. Which among the following is the smallest unit of data in a computer system?
(a) Nibble
(b) Byte
(c) Bit
(d) Kilobyte
Ans. (c)

KVS Perspectives on Education and Leadership Memory Based Questions

Q1. If your students are in the adolescence stage of development, as a teacher you should:
(a) keep realistic expectations from students
(b) remind again and again about their goals
(c) maintain strict discipline in class
(d) Both (a) and (b)
Ans. (a)

Q2. Which of the following is NOT true for the construction of achievement tests?
(a) Reliability
(b) Evaluation
(c) Validity
(d) Objectivity
Ans. (b)

Q3. According to the RTE Act, of 2009, the Pupil-Teacher ratio for primary schools should be
(a) 25: 1
(b) 35: 1
(c) 40: 1
(d) 30:1
Ans. (d)

Q4. Which of the following is the most important aspect of progressive education?
(a) teacher-centered education
(b) child-centered education
(c) subject-centered education
(d) Both (b) and (c)
Ans. (b)

Q5. Which of the following are important barriers to the equalization of educational opportunities?
A. differences in the economic status of learners
B. gender disparities
C. common school system
D. differences in the standard of educational institutions
(a) A, D
(b) A, B, C
(c) A, B, D
(d) A, B, C, D
Ans. (c)

Q6. Raj and his friends always perform better when they work together. This phenomenon is called
(a) social facilitation
(b) peer facilitation
(c) cognitive facilitation
(d) emotional facilitation
Ans. (a)

Q7. National Curriculum Framework, 2005 talks of major shifts from
(a) knowledge as given and fixed to knowledge evolves and is created
(b) educational focus to disciplinary focus
(c) learner centric to teacher centric
(d) none of these
Ans. (a)

Q8. The concept of IEP (Individualized Education Plan) is not based on the idea of:
(a) current strengths of the learner
(b) individual goals to be achieved
(c) use of a cooperative learning strategy
(d) separating children on the basis of ability grouping
Ans. (d)

Q9. A child takes a favorite book and retells the story' often by using pictures as cues. At what process/stage/component does she/he demonstrate?
(a) narrative
(b) syntactic awareness
(c) emergent reading
(d) phonological awareness
Ans. (c)

Q10. In the context of assessment, what kind of report card for students has been proposed in National Education Policy (NEP) 2020?
(a) Reports cards specifying the relative performance of the student in comparison to others
(b) report cards of student's performance in paper and pencil tests throughout the year
(c) 360-degree multi-dimensional report card
(d) summative uni-dimensional report cards
Ans. (c)

Q11. The strategy to remember a long string of letters by grouping that into memorable and meaningful parts is called -
(a) assimilation
(b) chunking
(c) conditioning
(d) meta-cognition
Ans. (b)

Q12. Which of the following questions is related to procedural knowledge?
(a) What is the capital of America?
(b) What is the difference between a map and a globe?
(c) What is the method of adding 3-digit numbers?
(d) What is the definition of photosynthesis?
Ans. (c)

Q13. How would you teach in a 42-minute class meeting the demands of all students and mainly students with special needs?
(a) forming homogeneous groups in the class
(b) by paying attention to the individual
(c) delegating the responsibility to a deserving student of the class
(d) by organizing for all students but focusing on students with special needs
Ans. (d)

Q14. What should be the primary objective of introducing sports in schools?
(a) developing a spirit of competition
(b) developing physical strength
(c) providing opportunities for psychomotor development
(d) supplementing the cognitive development of learners
Ans. (c)

Q15. Which of the following method is most appropriate to study people with rare conditions and disorders?
(a) experimental method
(b) correlation method
(c) case-study method
(d) lecture method
Ans. (c)

Q16. _____ exhibits a basic level of order, but the teacher still struggles to maintain it.
(a) adequate classroom environment
(b) orderly restrictive learning environment
(c) orderly enabling learning environment
(d) dysfunctional classroom environment
Ans. (a)

Q17. Which of the following is NOT one of those important factors which have been identified by a psychologist that influences creativity?
(a) creative problem approach
(b) creative person approach
(c) creative product approach
(d) creative process approach
Ans. (a)

Q18. Which of the following can be a way for involving the community?
I. Monitoring the attendance by community representatives
II. Teaching a vocational skill to students with support from the community
(a) Only II
(b) Neither I nor II
(c) Both I and II
(d) Only I
Ans. (c)

Q19. Which of the following is not a feature of Sarv Shiksha Abiyan?
(a) Compulsory education to children between ages 6 and 14
(b) Universalisation of elementary education
(c) Initiative is not time bound
(d) Implemented in partnership with state governments
Ans. (c)

Q20. Which of the following teaching method is also known as the "chalk and duster" method?
(a) project method
(b) experimental method
(c) lecture method
(d) inductive method
Ans. (c)

KVS Maths Memory Based Questions - Main Subject

Q1. If all side of a square is increased by 50% then its area will ___
(a) Increased by 125%
(b) Increased by 75%
(c) Decreased by 125%
(d) Decreased by 75%
Ans. (a)

Q2. A solid metallic sphere of radius 8 cm is melted and turned into spherical balls each of radius 2 cm. Find the number of spherical balls obtained?
(a) 61
(b) 44
(c) 64
(d) 71
Ans. (c)

Q3. If $\text{Cosec}\theta + \text{Cot}\theta = P$, then $\text{Cos}\theta = ?$

(a) $\frac{p^2+1}{p^2-1}$

(b) $\frac{p^2-2}{p^2+2}$

(c) $\frac{p^2-1}{p^2+1}$

(d) $\frac{p^2+2}{p^2-2}$
Ans. (c)

Q4. If $2p + 3q = 18$ and $4p^2 + 4pq - 3q^2 - 36 = 0$ then what is $(2p + q)$ equal to?
(a) 6
(b) 7
(c) 10
(d) 20
Ans. (c)

Q5. In a triangle ABC, $a = (1+\sqrt{3})$ cm, b=2 cm and angle C = 60°. Then the other two angles are-
(a) 45° and 75°
(b) 30° and 90°
(c) 105° and 15°
(d) 100° and 20°
Ans. (a)

Q6. The angle of elevation of the top of a tower from a point 20 m away from its base is 45°. What is the height of the tower?
(a) 10 m
(b) 20 m
(c) 30 m
(d) 40 m
Ans. (b)

Q7. The angles of elevation of the top of a tower standing on a horizontal plane from two points on a line passing through the foot of the tower at distance 49 m and 36 m are 43° and 47° respectively. What is the height of the tower?
(a) 40 m
(b) 42 m
(c) 45 m
(d) 47 m
Ans. (b)

Q8. The n^{th} term of an A.P. is (3+n)/4, then the sum of first 105 terms is -
(a) 270
(b) 735
(c) 1409
(d) 1470
Ans. (d)

Q9. A polygon has 44 diagonals. The number of its sides is -
(a) 11
(b) 10
(c) 8
(d) 7
Ans. (a)

Q10. If p, q, r are in one geometric progression and a, b, c are in another geometric progression, then ap, bq, cr are in -
(a) Arithmetic progression
(b) Geometric progression
(c) Harmonic progression
(d) None of the above
Ans. (b)

Q11. Three digits are chosen at random from 1, 2, 3, 4, 5, 6, 7, 8 and 9 without repeating any digit. What is the probability that the product is odd?
(a) 2/3
(b) 7/48
(c) 5/42
(d) 5/108
Ans. (c)

Q12. The arithmetic mean of 1, 8, 27, 64, ... up to n terms is given by -
(a) $\frac{n(n+1)}{2}$
(b) $\frac{n(n+1)^2}{2}$
(c) $\frac{n(n+1)^2}{4}$
(d) $\frac{n^2(n+1)^2}{4}$
Ans. (c)

Q13. A coin is tossed 5 times. The probability that tail appears an odd number of times, is -
(a) 1/2
(b) 1/3
(c) 2/5
(d) 1/5
Ans. (a)

Q14. If the positive integers a, b, c, d are in AP, then the numbers abc, abd, acd, bcd are in -
(a) HP
(b) AP
(c) GP
(d) None of the above
Ans. (a)

Q15. Two poles are 10m and 20m high. The line joining their tops makes an angle of 15° with the horizontal. The distance between the poles is approximately equal to -
(a) 36.3 m
(b) 37.3 m
(c) 38.3 m
(d) 39.3 m
Ans. (b)

Q16. A bag contains 4 white and 2 black balls and another bag contains 3 white and 5 black balls. If one ball is drawn from each bag, then the probability that one ball is white and one ball is black is -
(a) 5/24
(b) 13/24
(c) 1/4
(d) 2/3
Ans. (b)

Q17. A is 40% more efficient than B and C is 20% less efficient than B. Working together, then can complete a task in 20 hours. In how many hours will A alone complete 35% of that task?
(a) 13
(b) 15
(c) 16
(d) 14
Ans. (c)

Q18. How many terms are there in the expansion of
$(1 + 2x + x^2)^5 + (1 + 4y + 4y^2)^5$?
(a) 12
(b) 20
(c) 21
(d) 22
Ans. (c)

Q19. If tan A – tan B = x and cot B – cot A = y, then what is the value of cot (A – B)?

(a) $\frac{1}{x}+\frac{1}{y}$

(b) $\frac{1}{y}-\frac{1}{x}$

(c) $\frac{xy}{x+y}$

(d) $1+\frac{1}{xy}$

Ans. (c)

Q20. If the angle of a triangle ABC are in AP and b: c = $\sqrt{3}:\sqrt{2}$ then what is the measure of angle A?

(a) 30°

(b) 45°

(c) 60°

(d) 75°

Ans. (b)

Q21. AB is a chord to a circle and PAT is tangent to the circle at A. If ∠ BAT = 70° and ∠ BAC = 45°, C being a point on the circle, then ∠ ABC is equal to :

(a) 50°

(b) 55°

(c) 60°

(d) 65°

Ans. (d)

Q22. The radius and length of a cylinder are 8cm & 15cm. A cone, with same radius and height, is cut from the cylinder. Find the total surface area of the remaining part of cylinder?

(a) 1189.65cm^2

(b) 1283.75 cm^2

(c) 1382.85 cm^2

(d) 1438.65 cm^2

Ans. (c)