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MAH CET 2020

Sample Paper



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SAMPLE QUESTIONS

VERBAL ABILITY/READING COMPREHENSION

Q. 1-3 Directions: The passage below is followed by questions based on its contents. Read the passage, and choose the best answer on the basis of the passage content, stated or implied.

Passage

Adversity like that faced by the Swiss watchmakers has the virtue of starkly limiting the alternatives. A company that decides to expand by acquisition has the wide world of commerce before it, subject only to availability and price. The **plethora** of choices is one explanation of the many poor selections. The best decisions follow when the purpose is most clearly defined. At least the decision maker then knows exactly what he is trying to achieve and why.

The Swiss were trying to achieve survival - an aim so 'transcendent' that the "why" needn't be asked. The only important question was "How," and the only answer (which their Japanese rivals have always chosen as the most rewarding approach) is to probe for weakness of the opposition, and then to kick the Achilles heel with steel-tipped boots. In this instance, the weakness (to which Japanese business is strangely prone) was lack of modern fashion sense. The electronic timepieces were being sold as wrist machinery; that gave Swiss Company its opportunity.

Q. 1 In the context of the passage which of the following is closest in meaning to the word "**plethora**" as given in bold.

- | | | |
|------------|--------------------------------------|-------------|
| 1. paucity | 2. Nature | 3. Quantity |
| 4. Excess | 5. Other than those given as options | |

Q.2. Which of the following was true in the case of business difficulties of the Swiss watch makers as per the passage ?

- (1) The Swiss watch maker had virtually no limitation of available choices for taking decision in the instant case of difficulties.
- (2) A large number of available alternatives would have probably made the Swiss Watch makers' decision making process better.
- (3) The limited number of available choices in the instant situation made the Swiss Watch makers' decision making process easier.
- (4) The Swiss watch makers lacked clarity about the objective to be achieved.
- (5) Other than those given as options

Q.3. Which of the following holds good in the case of Swiss or Japanese watch making companies ?

- (1) Japanese watch making companies had rewarding experience in regard to wrist watches because of their modern fashion sense.
- (2) In the past, Swiss watch companies were always probing for the weakness of their rival Japanese companies to succeed in competition.
- (3) The Japanese watch companies were having tough time from their strong Swiss rivals.
- (4) The solution to the problem of Swiss Companies was in the weakness of Japanese companies lacking in modern fashion for wrist watches.
- (5) Other than those given as options

Q.4. The following sentence is broken into 4 parts. Find out if any of the part has an error, and the number of that part is your answer. If no part has an error, your answer is 'No error'. (Please, do not look for an error in punctuation).

Dara, being an excellent football player, / received a fabulous offer /
(1) (2)
 to join the popular football club / of the football-fan country, Italy. No error
(3) (4) (5)

Q.5-6. Directions: In the questions given below, either a part or the entire sentence is printed in **bold**. The sentence is followed by five ways of writing the **bold** part. Answer choice (1) repeats the original or there is no change; the other answer choices vary. If you think that the original phrasing is the best i.e. no change is required; choose (1) as your answer. If you think that any other answer choice is the best, select that as your answer and indicate it on your answersheet properly.

Q.5. After having finished the lecture, the speaker asked if there were any questions.
 (1) No change (2) Finishing the lecture (3) Having finished the lecture
 (4) When the lecture finished (5) Having been finished the lecture

Q.6. My train was detained for one hour at Waltair, which made me miss my connecting train.
 (1) No change
 (2) My train was detained for one hour at Waltair, making me miss
 (3) My train was detained for one hour at Waltair, because of which I missed
 (4) Because my train was detained for one hour at Waltair, I missed
 (5) Because my train was detained for one hour at Waltair, it made me miss.

LOGICAL REASONING (VERBAL/CRITICAL)

Q.1. In a certain code 'A + B' means "A is the mother of B" and 'A - B' means "A is the father of B". Which of the following means "P is the grand-mother of R" ?
 (1) P - Q + R (2) Q - R + P (3) P + Q - R
 (4) Q + R - P (5) Other than those given as options

Q.2. In question below are given two statements followed by two conclusions numbered I and II. You have to take the two given statements to be true even if they seem to be at variance from commonly known facts, consider the two conclusions; together and then decide which of the given conclusions logically follows from the two given statements, disregarding commonly known facts.

Statements : I. All machines are windows. All windows are clouds.
 Conclusions : I. All machines are clouds.
 II. All clouds are machines.

(1) None follows (2) Only I follows (3) Both I & II follow
 (4) Only II follows (5) Either I or II follows

Q.3. In a certain code language, '1, 2, 3' means 'bright little boy'; '1, 4, 5' means 'tall big boy' and '6, 3, 7' means 'beautiful little flower'. Which numeral in that language means 'bright' ?
 (1) 1 (2) 6 (3) 3 (4) 4 (5) Other than those given as options

Q.4-6. Read the information given below and answer the questions.

Six plays A, B, C, D, E and F of a famous playwright are to be staged one on each day from Monday to Saturday. The schedule of the plays is to be in accordance with the following.

- (1) A must be on the immediately previous day of the on which E is staged.
- (2) C must not be staged on Tuesday.
- (3) B must be on a day which immediately follows the day on which F is staged.
- (4) D must be staged on Friday only and should not be immediately preceded by B.
- (5) E must not be staged on the last day of the schedule.

Q.4. Which of the following is the schedule of plays, with the order of their staging from Monday ?

- (1) E A B F D C (2) A F B E D C (3) A F B C D E
 (4) F A B E D C (5) Other than those given as options

Q.5. Play C cannot definitely be staged on which of the following days in addition to Tuesday ?
 (1) Monday (2) Wednesday (3) Thursday (4) Friday (5) Saturday

- Q.6.** Play D is between which of the following pairs of play's ?
 (1) C and E (2) E and F (3) A and E (4) B and E (5) C and F

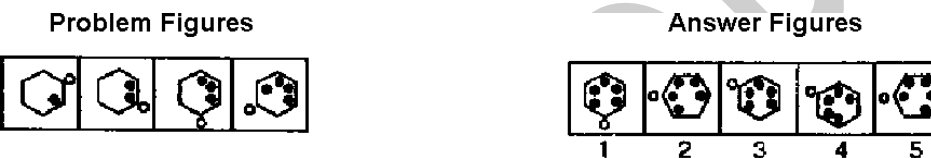
ABSTRACT REASONING (NON-VERBAL)

Q.1. Figures given at the left are called Problem Figures. The figures given next are called Answer figures. The Problem Figures make a series. The question is "if the figures continue to change in the same order, what should the next figure be?"

Q.1.



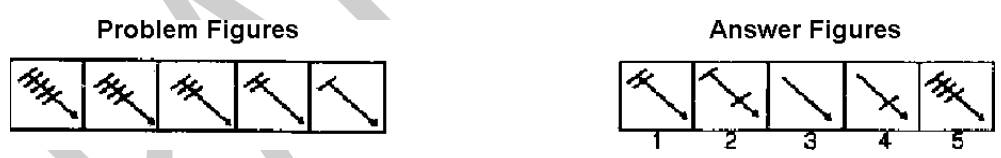
Q.2.



Q.3.



Q.4.



Q.5.



QUANTITATIVE APTITUDE

Q. 1-2 Directions: These questions are based on arithmetical computation, percentages, ratio proportion, problems of application of basic principles in arithmetic, algebra, mensuration and geometry. Some sample questions are given below:

- Q.1.** If n is an odd integer, which of the following must be odd ?
 I. $2n + n$ II. $n + n + n$ III. $n \times n \times n$
 (1) I only (2) II only (3) III only (4) I and III only (5) I, II and III.
- Q.2.** Manu walked from Pali to Roha and back. The distance between Pali and Roha is one km. His speed while going to Pali was 5 km. per hour and it was 4 km. while returning from Roha.

What was Manu's average speed in km. per hour for the entire two-way trip ?

- (1) 5 (2) 4 (3) 4 (4) 4 (5) Other than those given as options

Q.3.-5. Directions : Given below is a table showing percentages out of a total of 700 employees ranking six attributes that help promotion. Rank I is the highest. Study the table carefully and answer questions that follow:

% of Employees Giving Different Ranks						
Attribute	I	II	III	IV	V	VI
Seniority	32	17	22	19	5	5
Perseverance	14	19	17	9	27	14
Efficiency	15	19	21	14	14	17
Intelligence	10	14	10	14	17	35
Honesty	24	17	7	9	27	16
Sociability	5	14	23	35	10	13

- Q.3.** Which attribute for promotion has received the highest rank ?
 (1) Perseverance (2) Seniority (3) Honesty (4) Sociability (5) Efficiency
- Q.4.** How many employees gave rank III to intelligence ?
 (1) 119 (2) 98 (3) 77 (4) 70 (5) 10
- Q.5.** Which attribute is considered the least important for promotion ?
 (1) Honesty (2) Intelligence (3) Perseverance (4) Efficiency (5) Sociability

(A) Details of the On-line Examination Pattern

- (1) The examination would be conducted on-line i.e. on a computer.
- (2) The tests will be provided in English.
- (3) All the questions will have multiple choices. Out of the five answers to a question only one will be the correct answer. **The candidate has to select the most appropriate answer and 'mouse click' that alternative which he/ she feels is appropriate/ correct. The alternative/ option that is clicked on will be treated as the answer to that question. Answer to any question will be considered for final evaluation, only when candidates have submitted the answers by clicking on "Save & Next" or "Mark for Review & Next".**
- (4) The clock has been set at the server and the countdown timer at the top right corner of your screen will display the time remaining for you to complete the exam. When the clock runs out the exam ends by default - you are not required to end or submit your exam.
- (5) The question palette at the right of screen shows one of the following statuses of each of the questions numbered:



You have not visited the question yet.



You have not answered the question.



You have answered the question.



You have NOT answered the question but have marked the question for review.



You have answered the question but marked it for review.

The Marked for Review status simply acts as a reminder that you have set to look at the question

again. *If an answer is selected for a question that is Marked for Review, the answer will be considered in the final evaluation.*

- (6) To select a question to answer, you can do one of the following:
 - (a) Click on the question number on the question palette at the right of your screen to go to that numbered question directly. Note that using this option **does NOT save your answer** to the current question.
 - (b) Click on '**Save & Next**' to save answer to current question and to go to the next question in sequence.
 - (c) Click on '**Mark for Review and Next**' to save answer to current question, mark it for review, and to go to the next question in sequence.
- (7) To select your answer, click on one of the option buttons.
- (8) To change your answer, click another desired option button.
- (9) To save your answer, you **MUST** click on **Save & Next**.
- (10) To deselect a chosen answer, click on the chosen option again or click on the **Clear Response** button.
- (11) To mark a question for review click on **Mark for Review & Next**. *If an answer is selected for a question that is Marked for Review, the answer will be considered in the final evaluation.*
- (12) To change an answer to a question, first select the question and then click on the new answer option followed by a click on the **Save & Next** button.
- (13) **Questions that are saved or marked for review after answering will ONLY be considered for evaluation.**
- (14) Test name(s) will be displayed on the top bar of the screen. Questions in a test can be viewed by clicking on the test name. The test you will view will be highlighted.
- (15) After clicking the **Save & Next** button on the last question for a test, you will automatically be taken to the first question of the (next) test.
- (16) You can move the mouse cursor over the test names to view the status of the questions for that test.
- (17) You can shuffle between test and questions anytime during the examination as per your convenience.
- (18) The candidates are requested to follow the instructions of the "Test Administrator" carefully. If any candidate does not follow the instructions / rules, it would be treated as a case of misconduct/ adoption of unfair means and such a candidate would be liable for debarment from appearing for examinations for a period as decided by CET Cell.
- (19) The candidates may ask the Test Administrator about their doubts or questions only before the commencement of the test. No query shall be entertained after the commencement of the examination.
- (20) After the expiry of 150 minutes, the candidates will not be able to attempt any question or check their answers. The answers of the candidate would be saved automatically by the computer system even if he/ she has not clicked the "Submit" button.
- (21) **Please note:**
 - (a) **Candidates will not be allowed to "finally submit" unless they have exhausted the actual test time.**
 - (b) **Under no circumstances should a candidate click on any of the 'keyboard keys' once the exam starts as this will lock the exam.**

B] General Instructions:

- (1) Please note date, time and venue address of the examination given in the Hall Ticket.
- (2) You may visit the venue one day before the Online Examination to confirm the location so that you are able to report **on time** (as printed on the Hall ticket) on the day of the examination. Late comers will not be allowed.
- (3) The Hall Ticket should be brought with you to the examination venue along with your recent passport size photograph duly pasted on it. (Preferably the same photograph as was uploaded).
- (4) You must scrupulously follow the instructions of the Test Administrator and CET Cell/DTE Representative at the examination venue. If you violate the instructions, you will be disqualified and will be asked to leave the examination venue.
- (5) No use of calculators (separate or with watch), books, note books or written notes, cell phones (with or without camera facility), or any other electronic device will be allowed during the examination.
- (6) Please bring this Hall ticket with your photograph affixed thereon, currently valid Photo identity proof in original - **THIS IS ESSENTIAL**. Please hand over this Hall ticket to the invigilator. Currently valid photo identity proof may be PAN Card/Passport/Permanent Driving Licence/Voter's Card/Bank Passbook with photograph/Photo Identity proof issued by a Gazetted Officer on official letterhead /Photo Identity proof issued by a People's Representative on official letterhead/Valid recent Identity Card issued by a recognised College/University/Aadhar Card with a photograph/Employee ID/Bar Council Identity card with photograph. **Please Note - Ration Card and Learner's Driving License will NOT be accepted as valid ID proof for this project.** Please note that your name as appearing on the Hall ticket (provided by you during the process of registration) should reasonably match the name as appearing on the photo identity proof. Female candidates who have changed first/last/middle name post marriage must take special note of this. If there is any mismatch between the name indicated in the Hall ticket and Photo Identity Proof, you will not be allowed to appear for the exam. In case of candidates who have changed their name will be allowed only if they produce Gazette notification/their marriage certificate/affidavit.
- (7) Your responses (answers) will be analysed with other candidates to detect patterns of similarity of right and wrong answers. If in the analytical procedure adopted in this regard, it is inferred/concluded that the responses have been shared and scores obtained are not genuine/valid, your candidature may be cancelled. Any candidate who is found copying or receiving or giving assistance or engaging in any behaviour unbecoming of a candidate will not be considered for assessment. The CET Cell may take further action against such candidates as deemed fit by it.
- (8) You should bring with you a ball-point pen. A sheet of paper will be provided which can be used for rough work or taking down the question number you would like to review at the end of the test before submitting your answers. After the test is over you **MUST** hand over this sheet of paper to the Test Administrator before leaving the venue.
- (9) The possibility of occurrence of some problem in the administration of the examination cannot be ruled out completely which may impact test delivery and/or result from being generated. In that event, every effort will be made to rectify such problem, which may include movement of candidates, delay in test. Conduct of a re-exam is at the absolute discretion of test conducting body. Candidates will not have any claim for a re-test. Candidates not willing to move or not willing to participate in the delayed process of test delivery shall be summarily rejected from the process.
- (10) If the examination is held in more than one session, the scores across various sessions will be equated to adjust for slight differences in difficulty level of different test batteries used across sessions. More than one session are required if the nodes capacity is less or some technical disruption takes place at any centre or for any candidate.
- (11) Anyone found to be disclosing, publishing, reproducing, transmitting, storing or facilitating

transmission and storage of test contents in any form or any information therein in whole or part thereof or by any means verbal or written, electronic or mechanical or taking away the papers supplied in the examination hall or found to be in unauthorised possession of test content is likely to be prosecuted.

- (12) Instances for providing incorrect information and/or process violation by a candidate detected at any stage of the admission, process will lead to disqualification of the candidate from the admission. If such instances go undetected during the current admission process but are detected subsequently, such disqualification will take place with retrospective affect.
- (13) Please note that a candidate is allowed to appear only once in the online examination. Multiple appearance in online examination will result in cancellation of candidature. In case more than one Hall Ticket has been generated, candidates are advised to appear only once on the date and at the time mentioned on the respective Hall Ticket. All other Hall Tickets are to be surrendered.
- (14) Persons with Disabilities (PWD) should contact the Test Centre Administrator of the test venue at least 30 minutes before the time of examination for assistance in seating, if needed.

IMPORTANT POINTS TO REMEMBER

You are advised to bring with you the following:

- (i) Hall Ticket with photo affixed thereon and photo ID card in **Original** and photocopy as mentioned in point 6.
- (ii) One Ball point pen
- (iii) Persons with Disabilities (PWD) should bring duly filled Scribe form if applicable.

WISH YOU GOOD LUCK