

ENGLISH

Directions (Q. No. 1 to 5) Rearrange the following in a sequence to form meaningful sentences.

Q.1: cannot/achieve/he/wealth and fortune/works/unless/hard/he.

- (a) Cannot achieve he wealth and fortune unless he works hard.
- (b) He cannot achieve wealth and fortune unless he works hard.
- (c) He cannot achieve wealth and fortune he works hard.
- (d) He cannot achieve wealth, fortune and he works and unless.

Q.2: Taking/ to a group/ while/should/one/self-confident/hard courageous/feel.

- (a) Talking to a group, while one should feel self-confident and courageous.
- (b) Talking to a group one should feel self-confident and courageous while.
- (c) While talking to a group, one should feel self-confident and courageous.
- (d) While talking to a group should feel one self-confident and courageous.

Q.3. Parts/many/coffee/popular/in/world/the /is very/of

- (a) Very popular is the world of coffee in many parts.
- (b) Coffee in many very parts of the world is popular.
- (c) In the world of many parts coffee is very popular.
- (d) Coffee is very popular in many parts of the world.

Q.4: I/read/paper/in/the/ burglar /been / caught /had /the /that

- (a) In the paper I read that the burglar had been caught.
- (b) I read in the paper that the burglar had been caught.
- (c) The burglar had been caught that I read the paper
- (d) I read that the burglar had been caught in the paper.

Q.5: our/ thought /ancestors / anything / that / moved /which/itself/alive/was

- (a) Our ancestors thought that any thing which moved itself was alive.
- (b) Thought our ancestors any thig that which moved it alive was itself
- (c) Our ancestors that thought any thing which moved itself was alive.
- (d) Our ancestors that thought anything moved which itself was alive.

Directions (Q.No. 6 to 10) Complete the following passage by choosing the correct option from those given in the brackets.

When I (6)_____ home from school. I found that my mother (7)_____ in kitchen and my younger sister was playing (8)_____her Friends in the verandah. In my room, all the books were lying scattered on the floor. I was definitely very annoyed. I asked my sister if she entered the room in my absence. She said that she was looking (9)_____ some colorful pictures for her scarp file and (10)_____ searching through the books they fell down one by one.

- Q.6:** (a) return (b) returned
(c) returns (d) returning

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- Q.7: (a) was (b) were (c) is (d) has
- Q.8: (a) of (b) by (c) with (d) from
- Q.9: (a) for (b) with (c) from (d) to
- Q.10: (a) so (b) because (c) yet (d) while

Directions (11-15) Choose the opposite word of the following.

Q.11: Companion

- (a) foe (b) friend
(c) Comrade (d) Accomplice

Q.12: Attachment

- (a) Connection (b) Adapter
(c) Bond (d) Aversion

Q.13: Increase

- (a) Merger (b) Elaboration
(c) Decrease (d) Increment

Q.14: Extension

- (a) Expansion (b) Contraction
(c) Elongation (d) Distension

Q.15: Declare

- (a) Conceal (b) Announce
(c) Proclaim (d) Reveal

Directions (16-20): Choose the correct meaning of the idioms/ proverbs given below.

Q.16: To bury the hatchet

- (a) To raise a dispute with someone
(b) To make agriculture as one's profession
(c) To forget old disputes and start new relations.
(d) To make irrelevant remarks about someone.

Q.17: To smell a rat

- (a) To see signs of plague epidemic
(b) To get bad smell of dead rat
(c) To suspect foul dealings
(d) To be in a bad mood

Q.18: The pen is mightier than sword

- (a) Words and ideas are more effective
(b) pen can write but sword cannot
(c) All use pen not sword
(d) You can convince people with sword.

Q.19: Make waves

- (a) Putting on costly clothes
(b) Travelling by air
(c) Growing fatter
(d) Causes wide impact on a group.

Q.20: Yes man

- (a) Complete man (b) fierce man
(c) Flattering person (d) Excellent person

Directions (Q. No. 21 to 25) Choose the word which best expresses the meaning of the given words.

Q.21: Obligatory

- (a) Obscure (b) Sad
(c) Revolt (d) Necessary

Q.22: Fascinated

- (a) Mesmerized (b) Bored
(c) Disinterested (d) Repulse

Q.23: Unique

- (a) Matchless (b) Unyielding
(c) Search (d) Serene

Q.24: Moderate

- (a) Biased (b) Balanced
(c) intolerable (d) Excessive

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Q.25: Meticulously

- (a) Carefully (b) Negligent
(c) Legible (d) Careless

Directions (Q.No. 26 to 30) Choose the Correct spelling.

- Q.26:** (a) Febrary (b) Februry
(c) February (d) Febraree

- Q.27:** (a) Civilized (b) Civiliced
(c) Civalized (d) Sivilized

- Q.28:** (a) Category (b) Catagory
(c) Category (d) Catagary

- Q.29:** (a) Imediately (b) Immadietly
(c) Immediety (d) Immediately

- Q.30:** (a) Seenery (b) Sceneri
(c) Scenary (d) Scenery

Directions (Q.No. 31 to 35) Give one word for the following.

Q.31: Handwriting that cannot be read

- (a) inimitable (b) illiterate
(c) illegible (d) legible

Q.32: A study of birds

- (a) archaeology (b) biology
(c) zoology (d) ornithology

Q.33: A thing that cannot be seen by the human eyes.

- (a) invisible (b) invincible
(c) infectious (d) ineffective

Q.34: That cannot be believed

- (a) incurable (b) inevitable
(c) incredible (d) indescribable

Q.35: Person with limited skill

- (a) amateur (b) audience
(c) astrologer (d) amnesty

Directions (Q.No. 36 to 40) Read the passage carefully and answer the questions that follow.

The world is going ahead at a tremendous speed. But all this progress will be shattered if we do not secure peace. Scientific inventions and advancement of technological knowledge have brought the world closer. If one country suffers, all will suffer to some extent. We have become inter-responsible. This has brought about the necessity of international relationship. People should understand that all human beings are brothers. The narrow bounds of nationalism and patriotism have to be shed. Unless we understand the lesson of 'live and let live' we stand on our last legs. If another war breaks out, it will destroy the entire race of humanity. If we establish love and sympathy, goodwill and happiness among ourselves, we can still save the world from destruction. 'Live and let live' is a sound religion. From Gautama Buddha to Mahatma Gandhi, a number of great persons have pleaded for this mutual love and brotherly feelings. We are the inter-dependent children of the same father in heaven. We should, therefore, live in peace. This is the only way be which we can go along the road to progress.

Q.36: All our progress will be destroyed if we:

- (a) kill terrorists (b) nourish ill will
(c) slaughter animals (d) fail to establish peace

Q.37: Scientific progress has made it necessary:

- (a) to have national relationship
(b) to have feelings of enmity
(c) to have international relationship
(d) none of the above

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Q.38: The whole of mankind will be destroyed if:
(a) epidemic breaks out (b) panic starts
(c) war breaks out (d) world war is stopped

Q.39: 'Live and let live' is:
(a) a wrong principle (b) a sound religion
(c) to be avoided (d) only a theoretical concept

Q.40: God implies:
(a) father of heaven (b) ruler of hell
(c) devil (d) unknown

Directions (Q.No. 41 to 45) Identify the correct parts of the speech of the underlined word.

Q.41: Columbus discovered America
(a) noun (b) adjective (c) verb (d) adverb

Q.42: Janet is the tallest of the four sisters.
(a) preposition (b) verb (c) noun (d) pronoun

Q.43: I am the happiest mother in the world.
(a) noun (b) pronoun (c) adverb (d) preposition

Q.44: This is the best dictionary I could find.
(a) adjective (b) verb (c) proposition (d) noun

Q.45: Atghara is a small village.
(a) adverb (b) adjective (c) verb (d) pronoun

Directions (Q.No. 46 to 50) Fill in the blanks with an appropriate word

Q.46: We went out.....of the rain
(a) in spite of (b) even so
(c) although (d) because

Q.47: She..... hardly believe her eyes.
(a) could (b) couldn't (c) has (d) had

Q.48: She can get a better job if she..... in English.
(a) spoke (b) speaks (c) will spoken (d) spoken

Q.49: They finished work..... Sunset.
(a) at (b) beyond (c) in (d) during

Q.50: One should never stop..... even after repeated failures.
(a) try (b) trying (c) tried (d) to try

GENERAL KNOWLEDGE AND CURRENT AFFAIRS

Q.51: Which of the following train runs between New Delhi and Wagah?

(a) Shatabdi Express (b) Thar Express
(c) Maitree Express (d) Samjhauta Express

Q.52: Blood fails to clot while flowing in the blood vessel because of the presence of:

(a) Heparin (b) Prothrombin
(c) Hemoglobin (d) Hirudin

Q.53: Who is the first Indian woman to win an Asian games gold medal in 400m run?

(a) P.T. Usha (b) K. Malleshwari
(c) Kamaljit Sandhu (d) M. Valasmma

Q.54: Which of the following rules were contemporary of Buddha?

(a) Bimbisar of Magadha (b) Prasanjit of Kosala
(c) Udayan of Vatsa (d) All of the above

Q.55: The canal which links Atlantic ocean with Pacific ocean:

(a) Suez (b) Malacca
(c) Panama (d) Gibraltar

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Q.56: The largest delta of the world is:

- (a) Sunderbans (b) Amazon Basin
(c) Greenland (d) Congo Basin

ground is situated?

- (a) Mumbai (b) Ranchi
(c) New Delhi (d) Ahmedabad

Q.57: Widal test is used for the diagnosis of:

- (a) Salmonellosis (b) Malaria
(c) Cholera (d) Typhoid

Q.66: What is the correct sequence of the rivers—Godavari Mahanadi, Narmada and Tapti in the descending order of their lengths?

- (a) Godavari- Mahanadi- Narmada- Tapti
(b) Godavari – Narmada- Mahanadi- Tapti
(c) Narmada- Godavari- Tapti- Mahanadi
(d) Narmada- Tapti- Godavari- Mahanadi

Q.58: Which of the following is the tallest building in the world?

- (a) Eiffel Tower (b) Burj Khalifa
(c) Statue of Liberty (d) Qutub Minar

Q.67: Who has won the men’s singles French Open Tennis Tournament 2018?

- a) Novak Djokovic (b) Roger Federer
(c) Dominic Thiem (d) Rafael Nadal

Q.59: Which fruit has the maximum protein content?

- (a) Mango (b) Apricot
(c) Banana (d) Avocado

Q.68: What is the vehicle of God 'Indra'?

- (a) Airavat (b) Garud (c) Nandi (d) Owl

Q.60: Who proposed “ Green House Effect” in 1824?

- (a) Arrhenius (b) Joseph Fourier
(c) Svensmark (d) Joseph Hendry

Q.69: Which state is known as the ‘Rice Bowl of India’?

- (a) Tamil Nadu (b) Kerala
(c) Karnataka (d) Andhra Pradesh

Q.61: In which year did Sir Edmund Hillary reach the summit of Mount Everest?

- (a) 1952 (b) 1953 (c) 1954 (d) 1955

Q.70: Name the author of the book “ Godan”

- (a) Har Dev (b) Munshi Prem Chand
(c) Jai Dev (d) Ram Dev

Q.62. Fathometer is used to measure:

- (a) Earthquakes (b) Rainfall
(c) Ocean Depth (d) Sound Intensity

Q.71. Which of the following is the headquarters of world Trade organizations (WTO)?

- (a) New York (b) Geneva
(c) Madrid (d) Paris

Q.63: Who introduced “Subsidiary Alliance” policy in India?

- (a) Lord William Bentinck (b) Lord Auckland
(c) Lord Wellesley (d) Lord Dalhousie

Q.72: Which of the following dance is a solo dance?

- (a) Kuchipadi (b) Yakshagana
(c) Odissi (d) Ottanthullal

Q.64: What is the name of the longest dam in India?

- (a) Tehri dam (b) Sardar Sarovar dam
(c) Hirakund dam (d) Almatti dam

Q.73. In which stadium was the first edition of the Khelo India School Games (KISG) inaugurated?

Q.65: In which city Feroz Shah Kotla Cricket

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(a) Sardar Patel, Motera

(b) Indira Gandhi Indoor, New Delhi

(c) Salt Lake Stadium Kolkata

(d) Kaloor International, Kochi

Q.74: The brain fever which affects young children is.....

(a) Malaria

(b) Typhoid

(c) Encephalitis

(d) Pneumonia

Q.75: Which is the Highest Mountain peak of Himalays in India?

(a) K-2

(b) Kanchenjunga

(c) Namcha Barwa

(d) Nanda Devi

Q.76: The smallest state of India is:

(a) Rajasthan

(b) Sikkim

(c) Himachal Pradesh

(d) Goa

Q.77: What is the minimum age required to become the member of Rajya Sabha?

(a) 25 years

(b) 30 years

(c) 35 years

(d) 40 years

Q.78: Which two countries played the final of Soccer World Cup 2018?

(a) Spain-Portugal

(b) France-Croatia

(c) Argentina- Spain

(d) Russia Brazil

Q.79: Where will the next summer Olympic Games 2020 take Place?

(a) Brazil

(b) Japan

(c) Mexico

(d) Australia

Q.80: The Netaji Subhas National Institute of Sports is located at:

(a) Bengaluru

(b) Kolkata

(c) Darjeeling

(d) Patiala

Q.81: Give the equivalent rank of Colonel of Army

in Indian Navy.

(a) Commander

(b) Captain

(c) Group Captain

(d) Commodore

Q.82: In a human body the longest bone is in the.....

(a) Vertebral column

(b) Radius Ulna

(c) Rib cage

(d) Femur

Q.83: Name the largest fresh water lake in the world.

(a) Lake Baikal

(b) Lake Chilika

(c) Lake Titicaca

(d) Caspian Sea

Q.84: Which is the smallest planet of our solar system.

(a) Earth

(b) Mercury

(c) Venus

(d) Saturn

Q.85: Who is the first awardee to get Paramvir Chakra?

(a) Hav Joginder Singh

(b) Sqn. Ldr Rakesh Sharma

(c) Captain Vikram Batra

(d) Major Somnath Sharma

Q.86: Who was the composer of our National Anthem?

(a) Rabindranath Tagore

(b) Bankim Chandra Chatterjee

(c) Iqbal

(d) Deshbandhu

Q.87: The words 'Satyameva Jayate' in the state emblem of India were taken from:

(a) Upanishads

(b) Sama Veda

(c) Rig Veda

(d) Ramayana

Q.88: What is the highest peacetime gallantry award of India?

(a) Ashok Chakra

(b) Vir Chakra

(c) Mahavir Chakra

(d) Param Vir Chakra

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Q.89: Which Novel has won the 2018 “ Golden Man Booker Prize”?

- (a) In a free State (b) The English Patient
(c) Wolf Hall (d) Moon Tiger

Q.90: Which of the following crops helps in fixing nitrogen fixation?

- (a) Rice (b) Wheat
(c) Maize (d) Green Peas

Q.91: What is the time taken by the Moonlight to reach Earth?

- (a) 1.9 seconds (b) 1.6 seconds
(c) 1.3 seconds (d) 1.1 seconds

Q.92: Polythene is industrially prepared by the polymerization of:

- (a) Methane (b) Styrene
(c) Acetylene (d) Ethylene

Q.93: Which country is the largest producer of rubber in the world?

- (a) China (b) India
(c) Thailand (d) Italy

Q.94: Which ocean separates North America and Western Europe?

- (a) Pacific Ocean (b) North Atlantic Ocean
(c) Arctic Ocean (d) South Atlantic Ocean

Q.95: Which of the following department of Indian Government takes care of education of children with physical disabilities?

- (a) Ministry of Welfare (b) Ministry of Sports
(c) Ministry of HRD (d) Ministry of Defense

Q.96: In the western countries. The constellation Sapta Rishi is known as:

- (a) Seven monks (b) Alpha Centauri
(c) Big Dipper (d) Small bear

Q.97: Name the third largest continent of the world.

- (a) Aisa (b) Africa
(c) North America (d) South America

Q.98: Which of the following is a cellulose fibre?

- (a) Cotton (b) Wool
(c) Rayon (d) Polyester

Q.99: Which one among the following is nearest to the tropic of cancer?

- (a) Patna (b) Ranchi
(c) Rourkela (d) Varanasi

Q.100: With which game is Santosh Trophy associated?

- (a) Tennis (b) Cricket
(c) National Football (d) Golf

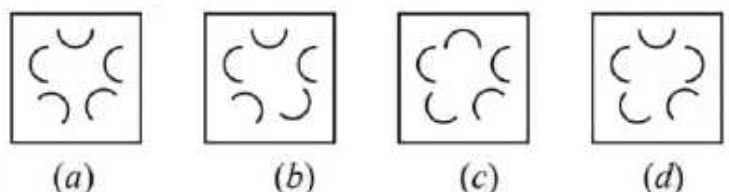
INTELLIGENCE TEST

DIRECTIONS (101-102): Select a figure from amongst the answer figures which will continue the same series as established by the five problem figures.

Q.101: Problem Figures

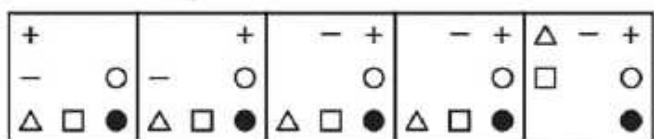


Answer Figures

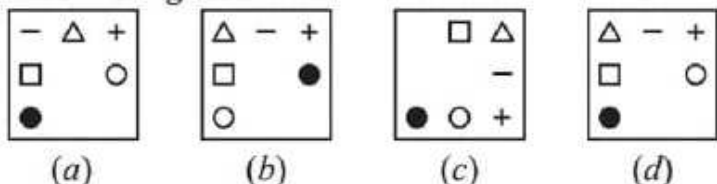


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Q.102: Problem Figures



Answer Figures

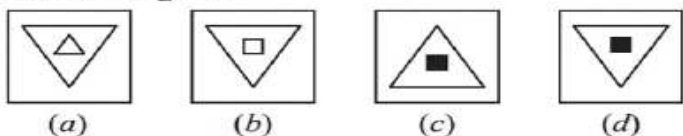


DIRECTIONS (103-104): There are two sets of figures under problem figures. In first set one Figure bears some relation with the second figure of the same set. Bearing that relation in mind pick up one figure from the answer figures that bears the same relation with the first figure of the second set of the problem figures.

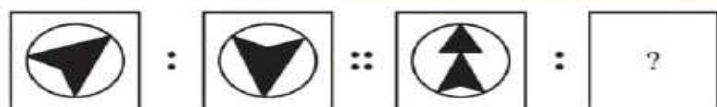
Q.103: Problem Figures



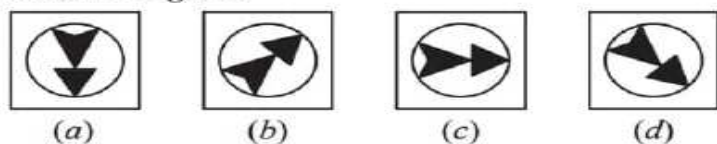
Answer Figures



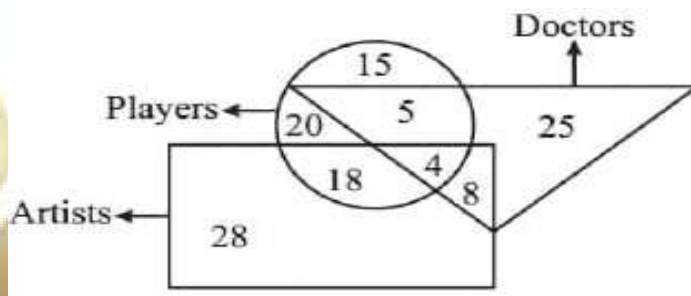
Q.104: Problem Figures



Answer Figures



DIRECTIONS (105-108): Each Question is based on the given figure below. Observe the figure and answer the questions.



Q.105: How many players are neither artists nor doctors?

- (a) 35 (b) 26 (c) 24 (d) 18

Q.106: How many doctors are players but not artists ?

- (a) 4 (b) 5 (c) 20 (d) 25

Q.107: How many artists are doctors but not players?

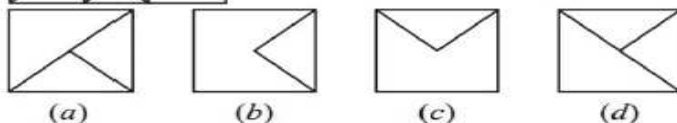
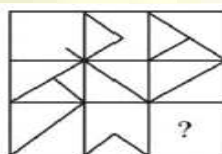
- (a) 5 (b) 13 (c) 23 (d) 8

Q.108: How many players are artists, but not doctors?

- (a) 28 (b) 25 (c) 18 (d) 5

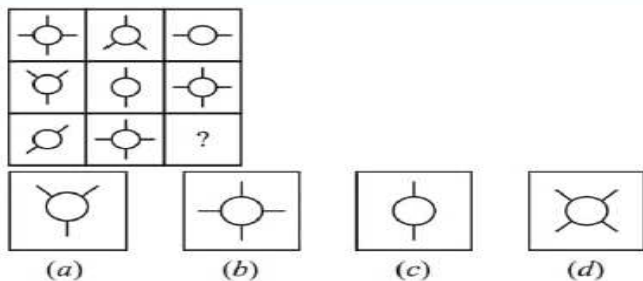
Directions (109-113): Select the correct alternative out of (a), (b), (c) and (d) in place of "?"

Q.109:



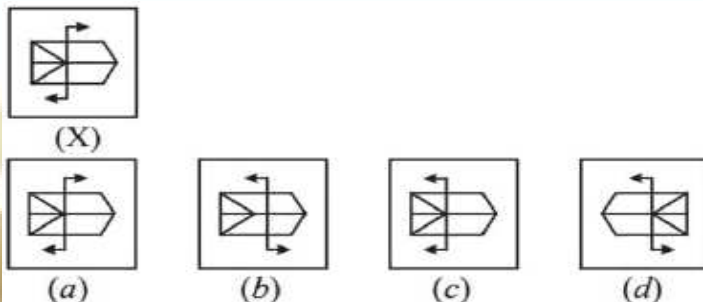
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Q.110:

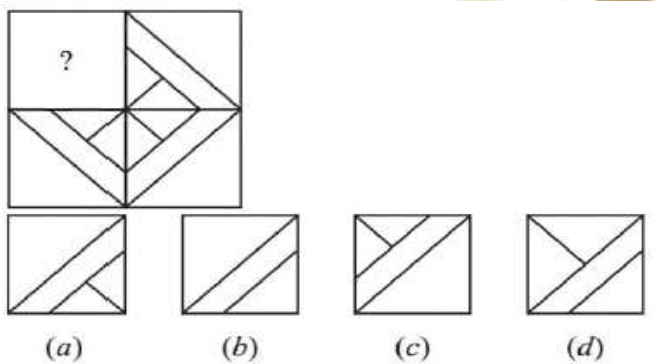


Directions (114-118): Select the mirror image of (X) out of the alternatives (a), (b), (c) and (d).

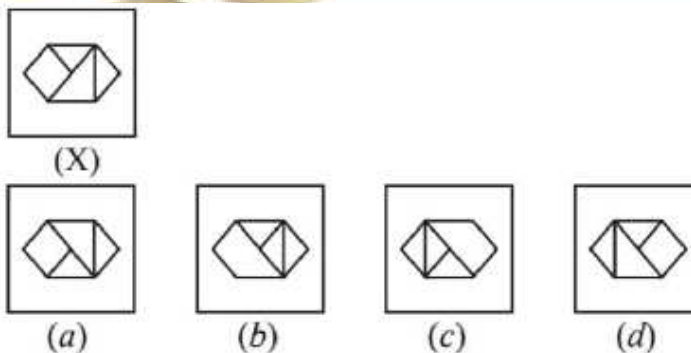
Q.114:



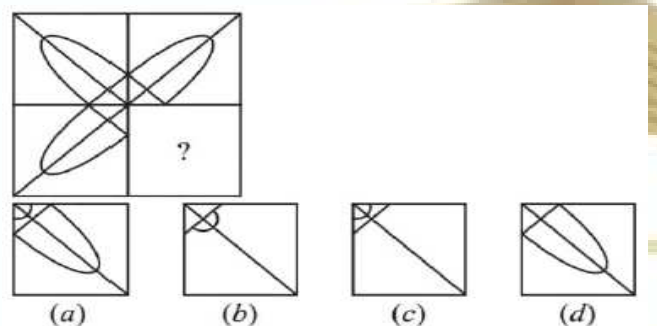
Q.111:



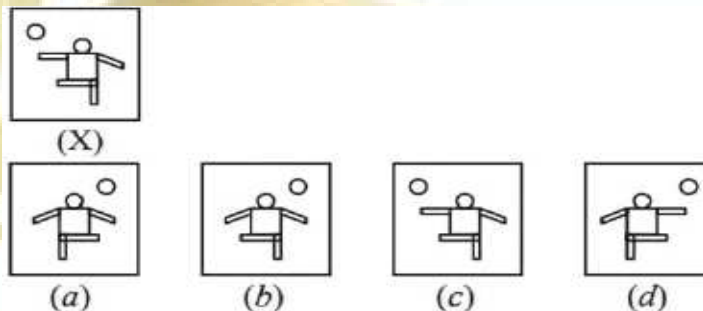
Q.115:



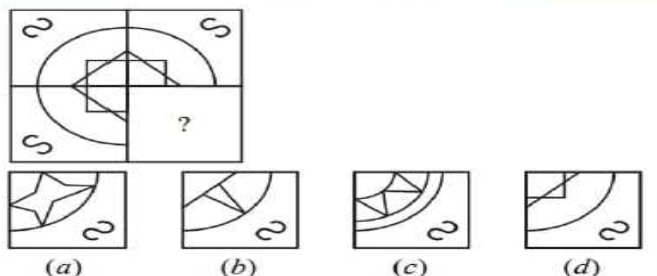
Q.112:



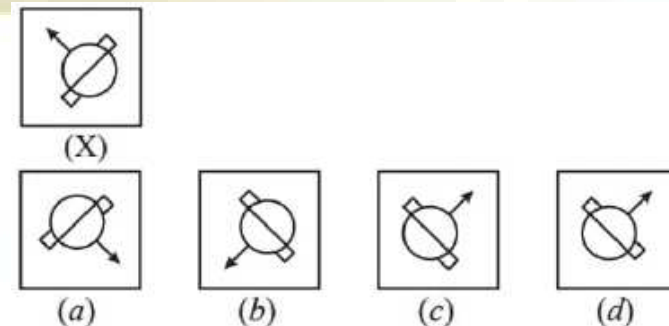
Q.116:



Q.113:



Q.117:

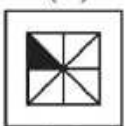


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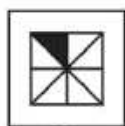
Q.118:



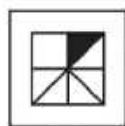
(X)



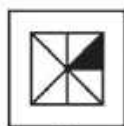
(a)



(b)



(c)



(d)

Directions (119-121): Find out which of the figures (a), (b), (c) and (d) can be formed from the pieces given in figure (X).

Q.119:



(a)



(b)

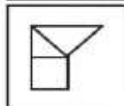
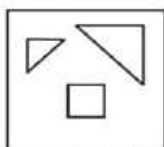


(c)

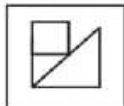


(d)

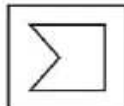
Q.120:



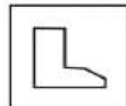
(a)



(b)

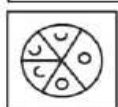
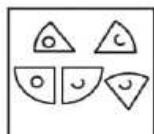


(c)

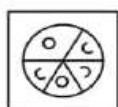


(d)

Q.121:



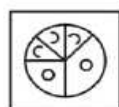
(a)



(b)



(c)



(d)

Directions (122-125): Study the following information carefully and answer the questions given below:

P,Q,R,S,T,U and V are sitting together in a row facing East. R is on the immediate right of S. Q is at an extreme end and has T as his immediate neighbor. V is exactly between T and U. S is sitting third from the south end.

Q.122: Who is sitting to the immediate right of T ?

- (a) P (b) V (c) S (d) U

Q.123: Which of the following people are sitting at the extreme ends ?

- (a) P and Q (b) P and S
(c) Q and R (d) U and B

Q.124: Name the person who is at the third place from the north end.

- (a) T (b) U (c) V (d) S

Q.125: Immediately between which of the following pair of people is S sitting ?

- (a) Q and V (b) T and U
(c) V and U (d) U and R

Directions (126-128): Arrange the words given below in a meaningful sequence.

Q.126: 1. Poverty 2. Population 3. Death
 4. Unemployment 5. Disease

- (a) 2,3,4,5,1 (b) 3,4,2,5,1
(c) 2,4,1,5,3 (d) 1,2,3,4,5

Q.127: 1. Police 2. Punishment 3. Death
 4. Judge 5. Judgement

- (a) 3,1,2,4,5 (b) 1,2,4,3,5
(c) 5,4,3,2,1 (d) 3,1,4,5,2

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- Q.128. 1. Cut 2. Put on 3. Mark
 4. Measure 5. Tailor
- (a) 3,1,5,4,2 (b) 2,4,3,1,5
(c) 1,3,2,4,5 (d) 4,3,1,5,2

DIRECTIONS (129-132): In each of the following questions, four words have been given out of which three are alike in some manner, while the fourth one is different. Choose out the different one.

129. (a) Dollar (b) Peso (c) Ounce (d) Euro
130. (a) Tuntle (b) Snake
(c) Crocodile (d) Whale
131. (a) Copper (b) Iron (c) Iodine (d) Tin
132. (a) Dr. Hamid Ansari (b) Dr. Abdul Kalam
(c) Dr. Pranab Mukherjee (d) Dr. Rajendra Prasad

Q.133: In a certain code." GIGIANTIC" is written a "GIGTANCI". How is "MIRACLES" written in that codes.

- (a) MIRCLCAES (b) MIRLACSE
(c) RIMCALSE (d) RIMLCAES

Q.134: In a Certain code language, "Learning" is written as "LGNINRAE". How will be "SURPRISE" be written in the code language?

- (a) ESRIPRUS (b) RUSEPSIR
(c) SESIRPRU (d) None

Q.135: if AT=20, BAT=40, THE CAT will be equal to:

- (a) 30 (b) 50 (c) 60 (d) 70

Q.136: If air is called water, water is called green , green is called dust, dust is called yellow and yellow is called cloud, which of the following does fish live in ?

- (a) Air (b) Water (c) Green (d) Dust

Q.137. From his house, Rajan went 25 km to the North. Then he turned West and covered 23 km. Then he turned South and covered 15 km. Finally, turning to east, he covered 20 km, In which direction was he from his house?

- (a) East (b) West (c) North (d) South

Q.138: Pointing to man on stage, Rita said, "He is the brother of daughter of wife of my husband". How is the man on the stage related to Rita?

- (a) Son (b) Brother (c) Cousin (d) Nephew

Q.139: A and B are Brothers. C and D are sisters. A's son is d's brother. How is B related to c'?

- (a) Father (b) Brother
(c) Grandfather (d) Uncle

Q.140: A party consists of a grandfather, a father, a mother, four sons and their wives and one son and two daughters to each of the sons. How many females are there in all?.

- (a) 12 (b) 13 (c) 14 (d) 15

Q.141: A is shorter than B but much taller than E. C is the tallest and D is shorter than A and taller than E, Which one is the Shortest?

- (a) A (b) E (c) B (d) D

Q.142: Find the wrong number in the following series: 10, 26, 24, 21, 18

- (a) 10 (b) 24 (c) 26 (d) 21

Questions (143 to 150) Select the one in place of"?"

Q.143: Bicycle : Paddle :: Boat : ?

- (a) Oar (b) Wheel (c) Seat (d) Flag

Q144: Milk : Lactometer :: Earthquake : ?

- (a) Hydrometer (b) Hygrometer
(c) Speedometer (d) Seismograph

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Q.145: DFHJ : LNPR :: BDFH : ?

- (a) VXZT (b) UVXZ (c) TXVZ (d) TVXZ

Q.146: 144 : 10 :: 169 : ?

- (a) 14 (b) 11 (c) 13 (d) 12

Q.147: 4, 7, 25, 10, ?, 20, 16, 19

- (a) 13 (b) 15 (c) 20 (d) 28

Q.148: Poles : Magnet :: ? : Battery

- (a) Cells (b) Power (c) Terminals (d) Energy

Q.149: MAAL, AALM, ALMA, LMAA, ?

- (a) AMLA (b) MAAL (c) AAML (d) LAAM

Q.150: 13, 32, 24, 43, 35, ?, 46, 65, 57, 76

- (a) 45 (b) 52 (c) 54 (d) 55

MATHEMATICS

Q.151: The difference between a smallest (n + 1) digit number and the largest n digit number is:

- (a) 10 (b) 1 (c) 100 (d) 1000

Q.152: The average of first five prime numbers is:

- (a) 5.6 (b) 7.8 (c) 6.5 (d) 8.7

Q.153: Which of the numbers are twin primes?

- (a) (5,7) (b) (18,25) (c) (11,17) (d) (23,62)

Q.154: Which of the following numbers are co-prime?

- (a) (14,35) (b) (18,25) (c) (31,93) (d) (23,69)

Q.155: 5 : 4 is equal to

- (a) 125% (b) 80% (c) 60% (d) 40%

Q.156: The H.C.F of 0.24, 1.8 and 2.7 is

- (a) 6 (b) 0.6 (c) 0.06 (d) 0.006

Q.157: How many $\frac{1}{8}$ are there in $37\frac{1}{2}$?

- (a) 300 (b) 400
(c) 500 (d) None of those

Q.158. What is 25% of 25% equal to?

- (a) 6.25 (b) 0.625
(c) 0.0625 (d) 0.00625

Q.159. 0.2% of? = 0.03

- (a) 20 (b) 2.5 (c) 15 (d) 1.5

Q.160: Which number is 60% less than 80?

- (a) 48 (b) 42 (c) 32 (d) 60

Q.161: The area of a square field is 196 . The perimeter is

- (a) 40 m (b) 48 m (c) 56 m (d) 60 m

Q.162: The average of first five multiples of 3 is:

- (a) 3 (b) 9 (c) 12 (d) 15

Q.163: 0.5 of a number equals 0.07 of another.

Then the ratio of the two numbers is:

- (a) 7 : 50 (b) 7 : 25 (c) 7 : 5 (d) 1 : 14

Q.164: A batsman has a certain average runs for 11 innings. In the 12th inning he made a score of 90 runs and thereby decreases his average by 5.

His average after 12th inning is:

- (a) 127 (b) 150 (c) 145 (d) 217

Q.165: A speed of 33.333 metres per second is same as:

- (a) 100 Km/hr (b) 80 Km/hr
(c) 120 Km/hr (d) 72 Km/hr

Q.166: The angle whose degree measure is twice its supplementary angle is:

- (a) 60 (b) 120 (c) 30 (d) None of those

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Q.167: A train crosses 1 Km long bridge in 2 min. If the length of the train is half of the bridge, then find the speed of the train.

- (a) 45 KM/hr (b) 12 Km/hr
(c) 54 Km/hr (d) 36 Km/hr

Q.168: The circumference of a circle is 44cm. Find the area of the circle.

- (a) 160 (b) 158 (c) 156 (d) 154

Q.169: The greatest possible length which can be used to measure exactly the lengths:

7m, 3m 85 cm, 12 m 95 cm is:

- (a) 15 cm (b) 25 cm (c) 35 cm (d) 42 cm

Q.170: Greatest fraction out of $\frac{2}{5}, \frac{5}{6}, \frac{11}{12}, \frac{7}{8}$ is:

- (a) $\frac{7}{8}$ (b) $\frac{11}{12}$ (c) $\frac{5}{6}$ (d) $\frac{2}{5}$

Q.171: In an examination 93% of students passed and failed. The total number of students is:

- (a) 3700 (b) 500
(c) 3950 (d) None of those

Q.172: A sweet seller declares that he sells sweets at the cost price. However, he uses a weight of 450 gm instead of 500 gm. His percentage profit is:

- (a) 10 (b) $11\frac{1}{9}$ (c) 12 (d) $12\frac{2}{9}$

Q.173: The average temperature of first 3 days is 27° and of the next 3 days is 29°. If the average temperature of the whole week is 28.5°C, then the temperature of the last days is:

- (a) 31.5° (b) 10.5° (c) 21° (d) 42°

Q.174: A can do a piece of work in 30 days while B can do it in 40 days. A and B working together can do it in how many days:

- (a) 70 days (b) $17\frac{1}{4}$ days
(c) $\frac{190}{7}$ days (d) $\frac{120}{7}$ days

Q.175: By selling an article for ₹100, one gains ₹ 10. Then, the gain percent is:

- (a) 10% (b) 9% (c) $\frac{100}{9}\%$ (d) None of these

Q.176: What is the complementary angle of 60°?

- (a) 30° (b) 120° (c) 300° (d) 90°

Q.177: How many persons will be able to live for 50 days on food which is sufficient for 400 persons for 10 days?

- (a) 80 (b) 8 (c) 40 (d) 200

Q.178: What should be the selling price of a cow whose cost is ₹1500 to get 20% profit?

- (a) Rs. 1530 (b) Rs. 1600
(c) Rs. 2000 (d) Rs. 1800

Q.179: The speed of a car is 80 Km/hr. After 2 hours it covered one-fourth of the total distance. What is the total distance?

- (a) 120 km (b) 80 km
(c) 640 km (d) 100 km

Q.180: What is the 25% of one hour?

- (a) 20 min (b) 30 min (c) 25 min (d) 15 min

Q.181: An isosceles triangle has two sides with length x. The third side is half of x. What is its perimeter?

- (a) 5x (b) 3x (c) $2\frac{1}{2}x$ (d) $4\frac{1}{2}x$

Q.182: The value of $8 + 8 \div 2 + 2$ is :

- (a) 9 (b) 8 (c) 10 (d) 14

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Q.183: What is the greatest common Divisor of 54, 36 and 24?

- (a) 2 (b) 3 (c) 6 (d) 9

Q.184: The greatest fraction is :

- (a) $\frac{1}{3}$ (b) $\frac{1}{2}$ (c) $\frac{3}{5}$ (d) $\frac{2}{3}$

Q.185: What fraction should be divided by $\frac{7}{8}$ to get $\frac{8}{9}$?

- (a) $\frac{4}{7}$ (b) $\frac{5}{7}$ (c) $\frac{7}{9}$ (d) $\frac{9}{10}$

Q.186: Sum of the smallest and the greatest number formed by the digits 5, 0, 8, 9, 2, is:

- (a) 20589 (b) 98520 (c) 101109 (d) 77931

Q.187: How many seconds are there in 5 hours?

- (a) 18000 sec (b) 18500 sec
(c) 1800 sec (d) 20000 sec

Q.188: A student secured 30% Marks out of total Marks of 250. if he failed by 25 marks, the marks required to pass are:

- (a) 50 (b) 75 (c) 100 (d) 125

Q.189: If one dozen note-books costs ₹ 252. Find the cost of 10 note-books?

- (a) ₹ 210 (b) ₹ 200 (c) ₹ 189 (d) ₹ 168

Q.190: Kiran brought a mobile for ₹ 6000 and sold it for ₹ 5400. What is her loss per cent?

- (a) 20% (b) 10% (c) 15% (d) 30%

Q.191: Write 98 in Roman Numerals.

- (a) XCVII (b) XCVVI (c) XCVIII (d) XCVIV

Q.192: Which of the following will not represent zero?

- (a) $1 + 0$ (b) 0×0 (c) $\frac{0}{2}$ (d) $\frac{10 - 10}{2}$

Q.193: Find the value of x in the given equation

$$x - 15 = -10$$

- (a) 10 (b) 5 (c) 25 (d) 0

Q.194: 0.05 will be represented in per cent as ____.

- (a) 50 % (b) 5 % (c) 95 % (d) 20 %

Q.195: Write 0.125 in fraction as lowest term:

- (a) $\frac{1}{8}$ (b) $\frac{2}{7}$ (c) $\frac{1}{10}$ (d) $\frac{2}{15}$

Q.196: $\frac{4}{5}$ of a number exceeds it's $\frac{2}{3}$ by 8. The number is:

- (a) 30 (b) 60
(c) 90 (d) None of these

Q.197: The ratio between two numbers is 2 : 3. If the consequent is 24, the antecedent is:

- (a) 36 (b) 16 (c) $\frac{48}{5}$ (d) $\frac{72}{5}$

Q.198: What least value must be given to * so that the number 3*63504 is divisible by 11?

- (a) 0 (b) 2 (c) 3 (d) 4

Q.199: $469157 \times 9999 = (\underline{\hspace{2cm}})$

- (a) 4586970843 (b) 4686970743
(c) 4691100843 (d) 4586870843

Q.200: The sum of the smallest even and the smallest odd prime number is:

- (a) a composite number (b) an even number
(c) a prime number (d) none of these

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11.	A	12.	D	13.	C	14.	B	15.	A	16.	C	17.	C	18.	A	19.	D	20.	C
21.	D	22.	A	23.	A	24.	B	25.	A	26.	C	27.	A	28.	C	29.	D	30.	D
31.	C	32.	D	33.	A	34.	C	35.	A	36.	D	37.	C	38.	C	39.	B	40.	A
41.	C	42.	C	43.	D	44.	A	45.	B	46.	A	47.	A	48.	B	49.	A	50.	B
51.	D	52.	A	53.	C	54.	D	55.	C	56.	A	57.	D	58.	B	59.	D	60.	B
61.	B	62.	C	63.	C	64.	C	65.	C	66.	B	67.	D	68.	A	69.	D	70.	B
71.	B	72.	D	73.	B	74.	C	75.	B	76.	D	77.	B	78.	B	79.	B	80.	D
81.	B	82.	D	83.	A	84.	B	85.	D	86.	A	87.	A	88.	A	89.	B	90.	D
91.	C	92.	D	93.	C	94.	B	95.	C	96.	C	97.	C	98.	A	99.	B	100.	C
101.	A	102.	D	103.	D	104.	D	105.	A	106.	B	107.	D	108.	C	109.	D	110.	A
111.	A	112.	D	113.	D	114.	D	115.	D	116.	D	117.	C	118.	A	119.	A	120.	B
121.	C	122.	B	123.	A	124.	C	125.	D	126.	C	127.	D	128.	D	129.	C	130.	B
131.	C	132.	A	133.	B	134.	C	135.	C	136.	C	137.	C	138.	A	139.	D	140.	B
141.	B	142.	A	143.	A	144.	D	145.	D	146.	B	147.	A	148.	C	149.	B	150.	C
151.	B	152.	A	153.	A	154.	B	155.	A	156.	C	157.	A	158.	C	159.	C	160.	C
161.	C	162.	B	163.	A	164.	C	165.	C	166.	B	167.	A	168.	D	169.	C	170.	B
171.	A	172.	B	173.	A	174.	D	175.	C	176.	A	177.	A	178.	D	179.	C	180.	D
181.	C	182.	D	183.	C	184.	D	185.	C	186.	C	187.	A	188.	C	189.	A	190.	B
191.	C	192.	A	193.	B	194.	B	195.	A	196.	B	197.	B	198.	D	199.	C	200.	C

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