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SSC FCI ASSISTANT GRADE-3 EXAM 2012:
SOLVED QUESTION PAPER

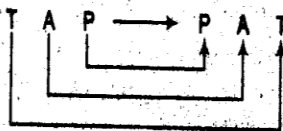
Part (A) General Intelligence

Directions (Q.Nos. 1-9) Select the related words/letters/numbers from the given alternatives.

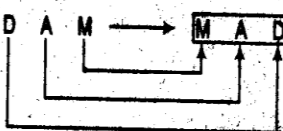
1. TAP : PAT :: DAM : ?

- (a) BUND (b) MAD
(c) STOP (d) AMD

As

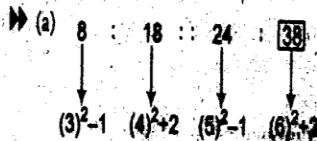


Similarly,



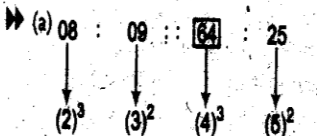
2. 8 : 18 :: 24 : ?

- (a) 38 (b) 32
(c) 44 (d) 43



3. 08 : 09 :: ? : 25

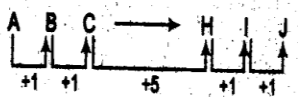
- (a) 64 (b) 16
(c) 27 (d) 36



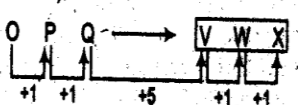
4. ABC : HIJ :: OPQ : ?

- (a) WVX (b) VWX
(c) XWV (d) YXW

As



Similarly,



5. 6 : 35 :: 9 : ?

- (a) 18 (b) 27 (c) 53 (d) 72

As, $6 \Rightarrow 6 \times 6 - 1 = 35$

Similarly,

$$9 \Rightarrow 9 \times 6 - 1 = 53$$

6. Library : Books :: Bank : ?

- (a) Cheque (b) Loan
(c) Money (d) Account

(c) Books put in Library, in the same way, Money puts in Bank.

7. Child : Father :: Book : ?

- (a) Author (b) Publisher
(c) Editor (d) Library

(a) As Child related to Father, in the same way, Book related to Author.

8. Sin : Crime :: ?

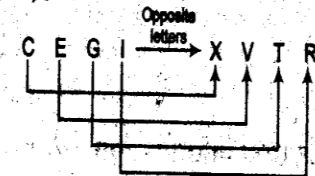
- (a) Man : Animal
(b) Home : Court
(c) Morality : Legality
(d) Jury : Priest

(c) Sin is related to Crime, in the same way, Morality is related to Legality.

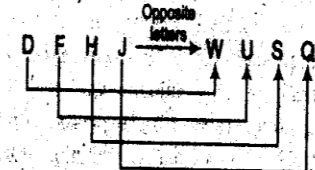
9. CEGI : XVTR :: DFHI : ?

- (a) XTRT (b) XQOM
(c) ZVSO (d) WUSQ

(d) As



Similarly,



Directions (Q.Nos. 10-18) Select the one which is different from the other three responses.

10. (a) Work - Leisure

(b) Day - Night

(c) Expedite - Procrastinate

(d) Frequently - Always

(d) Except 'Frequently - Always' all other two words are opposite to each other.

11. (a) 46, 24 (b) 62, 32

(c) 56, 30 (d) 74, 38

(c) $46 + 2 \Rightarrow 23 + 1 \Rightarrow 24$

$$62 + 2 \Rightarrow 31 + 1 \Rightarrow 32$$

$$56 + 2 \Rightarrow 28 + 1 \Rightarrow 29$$

$$74 + 2 \Rightarrow 37 + 1 \Rightarrow 38$$

Therefore, 56, 30 is different from the other three.

12. (a) RPSZ (b) AIUE

(c) QRTM (d) HQMAR

(b) Only AIUE has vowel letters.

13. (a) 441 (b) 256

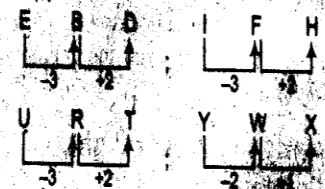
(c) 481 (d) 361

(c) 481 is different from the other three because 441, 256 and 361 are the perfect squares but 481 is not a perfect square.

14. (a) EBD (b) FGH

(c) URT (d) VWX

(d)



Therefore, VWX is different from the other three.

15. (a) Cricket (b) Hockey

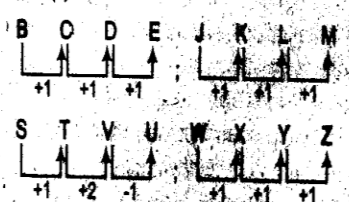
(c) Shuttle Cock (d) Tennis

(c) Shuttle Cock is different from the other three because Cricket, Hockey and Tennis are the names of different games.

16. (a) BCDE (b) JKLM

(c) STVU (d) WXYZ

(c)



Therefore, STVU is different from the other three.

17. (a) 3216 (b) 2338
(c) 3205 (d) 2015

⇒ (d) $3216 \Rightarrow 3 + 2 + 6 - 1 \Rightarrow 10$;
 $2338 \Rightarrow 2 + 3 + 8 - 3 \Rightarrow 10$;
 $3205 \Rightarrow 3 + 2 + 5 - 0 \Rightarrow 10$;
 $2015 \Rightarrow 2 + 0 + 5 - 1 \Rightarrow 6$

Therefore 2015 is different from the other three.

18. (a) Sunflower oil (b) Coconut oil
(c) Palm oil (d) Sandal wood oil

⇒ (d) Sandal wood oil is different from the other three.

Directions (Q.Nos. 19-20) Which one of the given responses would be a meaningful order of the following words in ascending order?

19. 1. Hundred 2. Unit
3. Thousand 4. Tens

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

⇒ (a) Ascending order of the given words is as follows
Unit, Tens, Hundred, Thousand, Lakh.

20. 1. Lucknow 2. Uttar Pradesh
3. India 4. World

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

⇒ (a) Ascending order of the given words is as follows,
Lucknow, Uttar Pradesh, India, Asia, World.

21. Which will appear fourth in the English dictionary?

- (a) Quick (b) Question
(c) Quality (d) Quit

⇒ (d) The order of words according to the English dictionary is as follows
Quality, Question, Quick, Quit.
So, Quit will appear fourth in English dictionary.

22. Which one set of letters when sequentially placed at the gaps in the given letter-series shall complete it?

- A' B — B' A A' — B B' — A
(a) A' B A B' (b) A' B' A B
(c) A B A B (d) A B' A' B

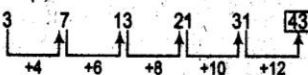
⇒ (c) $A' B / B' A / A' B / B' B A \Rightarrow A B A B$

Directions (Q.Nos. 23-26) Choose the correct alternative from the given ones, that will complete the series.

23. 3, 7, 13, 21, 31, ?

- (a) 33 (b) 36
(c) 41 (d) 43

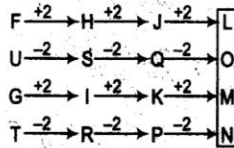
⇒ (d)



24. FUGT, HSIR, JQKP, ?

- (a) KNLO (b) LNNM
(c) LOMM (d) LOMN

⇒ (d)



25. ACE, GIK, MOQ, ?

- (a) SUW (b) XYZ
(c) ABC (d) DFG

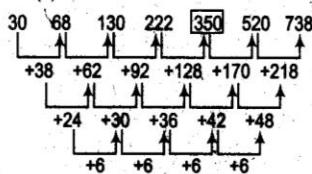
⇒ (a)



26. 30, 68, 130, 222, ?, 520, 738.

- (a) 420 (b) 350
(c) 250 (d) 280

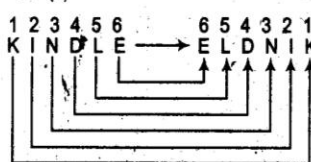
⇒ (b)



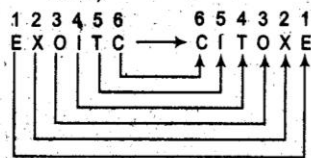
27. In a certain code "KINDLE" is coded as "ELDNIK" how is "EXOTIC" coded in that code?

- (a) EXOTLC (b) CXOTIE
(c) COXITE (d) CITOXE

⇒ (d)



Similarly,



28. Devendra is older by 4 yr to Rajendra. After 16 yr, Devendra will be thrice his present age and Rajendra will be five times of his present age. How old would Rajendra be after 16 yr?

- (a) 30 yr (b) 25 yr (c) 24 yr (d) 20 yr

⇒ (d) Suppose Rajendra's age = x yr
and Devendra's age = x + 4 yr
Then, $(x + 4) + 16 = 3(x + 4)$
⇒ $x + 20 = 3x + 12$

$$\Rightarrow 2x = 8$$

$$\Rightarrow x = 4 \text{ yr}$$

Hence, Rajendra's age after 16 yr = $x + 16$
= 20 yr

29. From the given alternatives select the word, which cannot be formed by using the letters of the given word.

MORTGAGE

- (a) AROMA (b) GEAR
(c) ROAM (d) GRATE

⇒ (a) The word AROMA cannot be formed using the given letters.

30. From the given alternatives select the word, which can be formed by using the letters of the given word.

RECOMMENDATION

- (a) COMMUNICATE
(b) MEDIATES
(c) MEDICO
(d) REMINDER

⇒ (c) The word MEDICO can be formed using the given letters.

31. Hari is older than Chaman. Vijai is older than Satish. Mukesh is not as old as Vijai but is older than Chaman. Satish is not as old as Chaman. Who is the youngest?

- (a) Hari (b) Mukesh
(c) Chaman (d) Satish

⇒ (d) According to given conditions,
Hari > Chaman
Vijai > Satish

Vijai > Mukesh > Chaman
Chaman > Satish

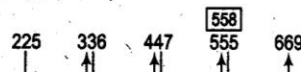
Using these conditions we can conclude that Satish is the youngest.

32. Find the wrong number in the given series.

225, 336, 447, 555, 669

- (a) 225 (b) 447 (c) 555 (d) 669

⇒ (c)



So, 555 is the wrong number in the given series.

33. If HIGH is written as 8978 then DEAF = ?

- (a) 1342 (b) 1432
(c) 4516 (d) 4615

⇒ (c) As, H I G H → 8978

Similarly,

D E A F → 4516

Directions (Q.Nos. 34-35) Select the missing number from the given responses.

34. 8 7 5

10 7 5

9 7 ?

- (a) 2 (b) 5 (c) 1 (d) 25

►► (b) As, $8 + 10 \Rightarrow 18 + 2 = 9$

and $7 + 7 \Rightarrow 14 + 2 = 7$

Similarly,

$5 + 5 \Rightarrow 10 + 2 \Rightarrow 5$

35. 9 5 4 10

8 7 6 9

12 6 8 ?

(a) 8 (b) 9 (c) 10 (d) 12

►► (c) As, $9 + 5 = 4 + 10 \Rightarrow 14 = 14$

and $8 + 7 = 6 + 9 \Rightarrow 15 = 15$

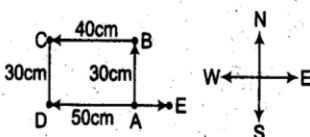
Similarly,

$12 + 6 = 8 + ? \Rightarrow ? = 18 - 8 = 10$

36. Arun walks to North for 30 m and moves left and walks 40 m. He again turns left and walks 30 m. He finally turns left and walks 50 m. Now, how far is Arun from the starting point?

(a) 50 m (b) 40 m
(c) 30 m (d) 10 m

►► (d)



The required distance is

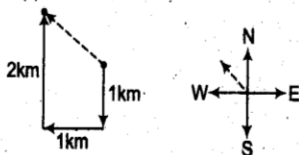
$AE = DE - AD$ ($\because AD = BC$)

$AE = 50 - 40 = 10$ m

37. Avinash travelled towards South for 1 km. He turned right and travelled for one more km. He again turned right and travelled 2 km. In which direction is he from the starting point?

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

►► (c)



The required direction is North-West.

38. If A for Addition, M for Multiplication, D for Division, G for Greater than, L for Less than, then, which of the following will be logically correct?

(a) $4A 5D 3G 6A 2M 3$
(b) $4A 5M 4L 6D 2A 8$
(c) $4D 2A 4G 6D 2A 4$
(d) $4A 3M 2L 4D 2M 6$

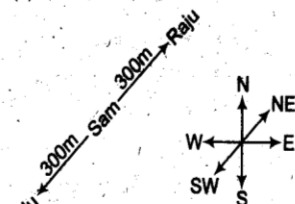
►► (d) From option (d),
 $4A 3M 2L 4D 2M 6$
 $4 + 3 \times 2 < 4 + 2 \times 6$
 $10 < 12$

39. Balu's house is 300 m away from that of Sam. Balu stays 300 m South-West of Sam's house. Raju

resides 600 m North-East of Balu's house. Then where is the position of Sam's house in relation to Raju's?

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

►► (d)

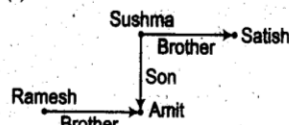


Hence, Sam's house is in South-West direction with respect to Raju's house.

40. Ramesh is the brother of Amit. Sushma is the sister of Satish. Amit is the son of Sushma. How is Ramesh related to Sushma?

(a) Father (b) Brother
(c) Son (d) Nephew

►► (c)



So, Ramesh is son of Sushma.

41. Select the correct combination of mathematical signs to replace (*) signs and to balance the given equation.

$24 * 2 * 4 * 3$

(a) $= \times$ (b) $+ =$
(c) $+ = \times$ (d) $= \times +$

►► (c)

From option (c),

$24 + 2 = 4 \times 3$

$\Rightarrow 12 = 12$

42. Some equations are solved on the basis of certain system. On the same basis, find out the correct answer for the unsolved equation.

$3 \times 5 \times 7 = 15, 2 \times 4 \times 6 = 12, 4 \times 7 \times 9 = ?$

(a) 28 (b) 21
(c) 20 (d) 18

►► (c) As, $3 + 5 + 7 = 15$

and $2 + 4 + 6 = 12$

Similarly,

$4 + 7 + 9 = 20$

Directions (Q.Nos. 43-44) Two statements are given below followed by two conclusions (I) and (II). You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You are to decide which of given conclusions, if any, follow from the given statements? Indicate your answer.

43. **Statements** Latha is a beautiful and intelligent girl. She is very good.

Conclusions I. All beautiful girls are intelligent.

II. Beauty and intelligence are the essential factors of goodness.

(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusions I and II follow

(d) Neither conclusion I nor II follows

►► (d)



Conclusions

I. x

II. x

44. **Statements** All writers are lawyers.

All readers are lawyers.

Conclusions I. Some lawyers are readers.

II. Some readers are writers.

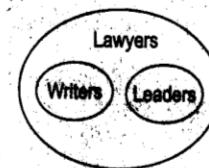
(a) Only conclusion I follows

(b) Only conclusion II follows

(c) Both conclusions I and II follow

(d) Neither conclusion I nor II follows

►► (a)



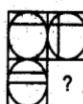
Conclusions

I. ✓

II. x

45. Which answer figure will complete the pattern in the question figure?

Question Figure

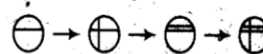


Answer Figures



(a) (b) (c) (d)

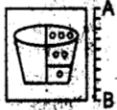
►► (d) From the figure (d),



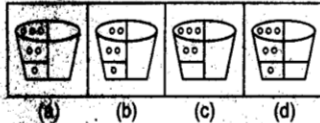
Now, the pattern of the question figure is completed.

46. Which of the answer figure is exactly the mirror image of the given figure, when the mirror is held on the line AB?

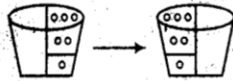
Question Figure



Answer Figures



- (a) The mirror image of the given figure is



47. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows of matrix I are numbered from 0 to 4 and that of Matrix II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column, e.g., 'A' can be represented by 01, 12, 33 etc. and 'K' can be represented by 57, 68, 85 etc. Identify the set for the word EAST.

Matrix I

	0	1	2	3	4
0	E	A	R	W	P
1	W	P	A	E	R
2	A	W	P	R	E
3	P	R	E	A	W
4	R	E	W	P	A

Matrix II

	5	6	7	8	9
5	S	B	K	T	C
6	B	C	T	K	S
7	T	S	C	B	K
8	K	T	S	C	B
9	C	K	B	S	T

Select the correct answer using the options given below,

- (a) 00 12 76 58 (b) 32 34 76 68
(c) 41 20 77 59 (d) 24 02 55 76

- (a) From option (a),

00 \Rightarrow E

12 \Rightarrow A

76 \Rightarrow S

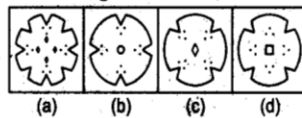
58 \Rightarrow T

48. A piece of paper is folded and cut as shown in the question figures. From the given answer figures, indicate how it will appear when opened?

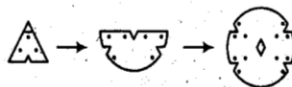
Question Figures



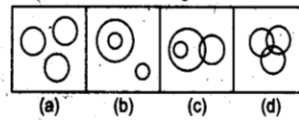
Answer Figures



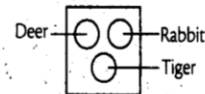
- (c)



49. Which one of the following diagrams best depicts the relationship among Deer, Rabbit and Tiger?



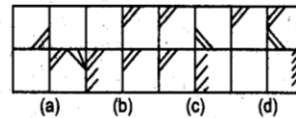
- (a) From option (a),



50. Select the answer figure, in which the question figure is hidden/embedded.



Answer Figures



- (d) From option (d),
In the figure



question figure is embedded.

Part (B) General Awareness

51. In which year did Gandhi ji start Satyagraha Movement?
- (a) 1919 (b) 1927
(c) 1934 (d) 1942
- (a) Although Gandhi's first Satyagraha Movement in India was Champaran Satyagraha of 1917, but it remain limited to its area. An overall wide India Satyagraha led by Gandhi ji took place in 1919 against Rowlatt Act.
52. An ecosystem consists of
- (a) producers, consumers and decomposers in a particular area
(b) all the plants and animals of an area
(c) a living community and its environment
(d) carnivorous and herbivorous of an area
- (b) An ecosystem is a biological environment consisting of all the living organisms, biotic (producer, consumer,

decomposer) and abiotic components (non living) in a particular area.

53. The telephone was invented by

- (a) G Marconi
(b) Alexander Graham Bell
(c) J L Baird
(d) Thomas Barrow

- (b) Telephone was invented by Alexander Graham Bell of Canada in 1876.

54. The crop mainly grown in hills is

- (a) sweet corn (b) sweet jowar
(c) sweet potato (d) sweet pea

- (c)

55. Who is called as the 'Prophet of New India'?

- (a) Dayanand Saraswati
(b) Sri Ramakrishna
(c) Raja Ram Mohan Roy
(d) Swami Vivekananda

- (c)

56. Ethnic group Mongoloids are found in India in

- (a) Southern region
(b) South-Central region
(c) North-Western region
(d) North-Eastern region

- (d) The people belonging to Mongoloid race are found in North-Eastern States of India in Asom, Meghalya, Manipur etc.

57. When a vibrating tuning fork is placed on a table, a loud sound is heard. This is due to

- (a) reflection
(b) refraction
(c) forced vibrations
(d) damped vibrations

- (c) The tendency of one object to force another adjoining or interconnected object into vibrational motion is referred to as a forced vibration. Musical instrument and other objects are set into vibration at their natural frequency when a person hits the object which results into sound.

58. An insect - catching plant is
 (a) Australian *Acacia*
 (b) *Smilax*
 (c) *Nepenthes*
 (d) *Nerium*
- (c) *Nepenthes* popularly known as tropical pitcher plants or monkey cups is a specie of carnivorous plants, found mainly in tropical countries (Indonesia, Malaysia, Madagascar), which can catch mice and insects.
59. The method not used as a Biological control is
 (a) use of predators of a pest
 (b) pheromone traps
 (c) use of pesticides
 (d) use of neem extracts
- (a) Biological control i.e., biological method of controlling the pests (insects, mice, weeds etc) in agriculture include—use of predators of a pest, pheromone traps (insect trapping method) and pesticides.
60. The States in India are demanding greater autonomy from the centre in the _____ field.
 (a) legislative (b) administrative
 (c) financial (d) All of these
- (d)
61. Light houses are places with powerful lights to
 (a) guide and resolve traffic jams in crowded metro-cities during nights
 (b) guide and help large crowds at religious gatherings during nights
 (c) indicate to the incoming war-ships, the location of a harbour during night
 (d) guide and warn the ships coming from different directions in the ocean
- (c) A lighthouse is a tower, building or other type of structure designed to emit light from a system of lamps and lenses to aid help in navigation, to find location of harbours and other dangers during night.
62. In a Capitalistic Economy, the Prices are determined by
 (a) demand and supply
 (b) government authorities
 (c) buyers in the market
 (d) sellers in the market
- (a) **Capitalist Economy** An economic system based on private ownership of capital. In such an economy there is no control of government on market policies. The means of production are privately owned and operated for profit. The price of goods in such economy are determined by demand and supply.
- Higher the demand, higher the prices and vice versa.
63. Who of the following has **not** been an interlocutor on Jammu and Kashmir?
 (a) M M Ansari
 (b) Radha Kumar
 (c) Shujaat Bukhari
 (d) Dilip Padgaonkar
- (c) The government of J & K appointed a 3 member interlocutor team to solve the problem of Kashmir. Its members are M M Ansari (Academician), Dileep Padgaonkar (Journalist) and Radha Kumar (Academician).
64. The Zone of Earth's atmosphere immediately above its surface up to a height of about 16 kms above equator and 8 kms over the poles is known as
 (a) Mesosphere (b) Thermosphere
 (c) Troposphere (d) Stratosphere
- (c) Troposphere is the lowermost layer of atmosphere above the Earth surface, followed by stratosphere at an average height of 50 kms from the Earth surface, above it mesosphere at an average height of 85 kms and above it lies the thermosphere at an average height of between 320-380 kms from the Earth surface.
65. The term 'Pitcher' is associated with
 (a) Wrestling (b) Boxing
 (c) Baseball (d) Basketball
- (d)
66. The filament of electric bulb is made up of
 (a) copper (b) nichrome
 (c) lead (d) tungsten
- (d) The filament of electric bulb is made from the element tungsten, as tungsten is found best because of its high melting point (almost 3700 K) and good resistance to electric current.
67. Which of the following is called "brown paper"?
 (a) Jute (b) Cotton
 (c) Rubber (d) Tea
- (a) Jute is called the 'brown paper of wholesale trade'. Since it is used for one package of many commodities such as cotton, rice, wool, wheat etc.
68. A Secular State is one which
 (a) has no religion of its own
 (b) is irreligious
 (c) is anti-religion
 (d) takes into consideration the religious sentiments of the people
- (a) A Secular State is one which has no religion of its own i.e., the state which does not recognize any particular religion but give equal protection to all. For e.g.,—India is a Secular State.
69. What does Jahangir mean?
 (a) National Monarch
 (b) The Grand Monarch
- (c) Conqueror of the World
 (d) Hero of Hundred Battles
70. Gol Gumbaz is in
 (a) Konark (b) Hyderabad
 (c) Puri (d) Bijapur
- (d) Gol Gumbaz is the tomb of Mohd. Adil Shah situated in Bijapur in the State of Karnataka.
71. The early Buddhist Scriptures were composed in
 (a) Prakrit texts
 (b) Pali texts
 (c) Sanskrit texts
 (d) Pictographical texts
- (b) The most common language used in Buddhist Scriptures was Pali. Buddha gave his maximum sermon in Pali language.
72. In Mohanjodaro, the largest building is
 (a) the great bath
 (b) a granary
 (c) the Pillared Hall
 (d) a two storeyed house
- (a)
73. Where was the Royal Durbar held on November 1st 1858 to issue the Queen's proclamation?
 (a) Lucknow (b) Cawnpore
 (c) Delhi (d) Allahabad
- (d) After the Revolt of 1857 the British Parliament transferred the power of East India Company to the crown by the government of India Act 1858. In order to inform the Indian rulers and people, the British Queen issued a proclamation, which was read at Royal Durbar held at Allahabad on November 1, 1858.
74. Male (*Anopheles*) mosquito feeds on
 (a) blood of man (b) nectar of flower
 (c) blood of *Culex* (d) blood of leech
- (a)
75. Tooth paste is a product sold under
 (a) monopolistic competition
 (b) perfect competition
 (c) monopoly
 (d) duopoly
- (a) **Monopolistic competition** It is a type of imperfect competition such that competing producers sell products that are different from one another as good but not perfect substitutes i.e., every producer tries to keep his product dissimilar than his rival's product in order to maintain his separate identity.
76. The National Development Council includes
 (a) all Central Cabinet Ministers
 (b) Chief Ministers of all the States
 (c) Cabinet Ministers of all the States and the Centre
 (d) Members of the Estimates Committee of the Parliament

- ▶▶ (b) and (c) National Development Council the apex decision making body in India. It finalise the five year plans prepared by Planning Commission of India.
 It is presided by the Prime Minister of India and includes all the Cabinet Ministers and Chief Ministers of all the States, Administrators of UT's and other members of Planning Commission.
77. Which of the following is not a cause of low productivity in Indian agriculture?
 (a) Co-operative farming
 (b) Inadequate inputs availability
 (c) Sub-division and fragmentation of land holdings
 (d) Poor finance and marketing facilities
- ▶▶ (a) Inadequate inputs availability, fragmentation of land holdings and poor finance are the major reasons of low productivity in agriculture in India. But cooperative farming in India is introduced to increase the productivity of agriculture in India. Cooperative farming means bringing together of all the small fragmented land holdings of the farmers in such an organized and united way that they will be collectively in a position to grow on every bit of land to the best of the fertility of land.
78. The gas that is used in the manufacture of vanaspathi ghee is
 (a) oxygen (b) carbon dioxide
 (c) hydrogen (d) nitrogen
- ▶▶ (c)
79. Cement is usually a mixture of
 (a) calcium silicate and calcium aluminate
 (b) calcium silicate and calcium ferrate
 (c) calcium aluminate and calcium ferrate
 (d) lime stone and silicon dioxide
- ▶▶ (a) Cement is made up mostly of calcium silicate (50-70%) and Calcium Aluminate (15%-5%).
80. Which of the following is not a Hardware?
 (a) Processor chip (b) Printer
 (c) Mouse (d) Java
- ▶▶ (d) Java is a programming language in computers rest others are hardware.
81. Scurvy is caused due to the deficiency of
 (a) Vitamin - D (b) Vitamin - K
 (c) Vitamin - E (d) Vitamin - C
- ▶▶ (d)
82. According to a study conducted by Hyderabad's National Institute of Nutrition, the healthiest of 14 fresh fruits commonly consumed in India with maximum 'Goodness Index' is
 (a) Indian Plum (b) Mango
 (c) Guava (d) Custard apple
- ▶▶ (c) Among the healthiest fruit for human body guava tops the list of 14 fresh fruits commonly consumed in India, followed by Indian plum. Mango, pomegranate, custard apple are among the other fruits that offer highest 'amount' of antioxidants, while the pineapple is at the bottom of 'Goodness Index'.
83. The Parliament can legislate on subjects given in the Union List only in consultation with the State Government for the State of
 (a) Asom
 (b) Rajasthan
 (c) Jammu and Kashmir
 (d) Kerala
- ▶▶ (c) Union List of India is mentioned under VII schedule of Indian Constitution and contains 100 subjects. Parliament has the exclusive power to legislate on the subjects given under Union List but any legislation effecting J & K would only be passed after in consultation with the State government of J & K because under Article 370 of Indian Constitution J & K is given special status.
84. Tsunamis are waves generated by
 (a) earthquakes beneath the Sea
 (b) moon's pull
 (c) high tides of the Oceans
 (d) cyclones
- ▶▶ (a) Tsunami is a Japanese word which are a series of very very high water waves, caused due to earthquakes, volcanic eruption beneath the sea.
85. Which is the largest State of India?
 (a) Madhya Pradesh
 (b) Andhra Pradesh
 (c) Rajasthan
 (d) Maharashtra
- ▶▶ (c) Rajasthan is the biggest State of India in terms of area followed by Madhya Pradesh, Maharashtra and Andhra Pradesh. Goa is the smallest State of India.
86. Which one of the following is a system software?
 (a) Database programmes
 (b) Word processors
 (c) Spreadsheets
 (d) Compilers
- ▶▶ (b) A word processor is a computer application software used for the production of any sort of printable material.
87. A piece of wood is held under water. The upthrust on it will be
 (a) equal to the weight of the wood
 (b) less than weight of the wood
 (c) more than weight of the wood
 (d) zero
- ▶▶ (a) Upthrust When an object is dropped into the water, it sinks down or float, it depends upon its upthrust force, it is that force which pushes upward or downward, an object. When a body is fully or partly submerged in a fluid the upthrust equals the weight of fluid displaced. Since the wood is heavy so it will sink down, so the upthrust on it will be equal to the weight of the wood.
88. Kamakhya temple is an important place of tourism in the State of
 (a) Tamil Nadu
 (b) Asom
 (c) Himachal Pradesh
 (d) Manipur
- ▶▶ (b) Kamakhya Temple is a Shakti-Peeth Temple situated on the Nilachal hill in Western part of Guwahati, Asom.
89. Electric bulbs are filled with
 (a) nitrogen (b) carbon dioxide
 (c) argon (d) oxygen
- ▶▶ (c) Electric bulbs are filled with an inert gas Argon because it resists the filament tendency to burn up.
90. The atmospheric gas that is mainly responsible for Green House effect
 (a) Ozone (b) Nitrogen
 (c) Oxygen (d) Carbon dioxide
- ▶▶ (d) Green House effect is the heating up of Earth's atmosphere. It is the phenomenon in which incoming solar radiation are absorbed the atmosphere but outgoing terrestrial radiation are unable to pass. Thus the trapping of heat again and again results in higher temperature of Earth's atmosphere. The main gas which is responsible for Green House effect is CO₂.
91. Wisdom teeth is the
 (a) 1st molar teeth (b) 2nd molar teeth
 (c) 3rd molar teeth (d) 4th molar teeth
- ▶▶ (c) There are four type of teeth in an adult human : Incisors (4x2), canines (1x4), premolars (2x4) and molars (3x4). Molars are food grinding teeth placed far back in the mouth. Wisdom teeth or 3rd molars are the last ones to erupt about at the age of 20.
92. Who of the following Pairs of Nobel Laureates in Physics was awarded 2010 Nobel Prize?
 (a) John C Mather, George F Smoot
 (b) Albert Fert, Peter Grunberg
 (c) David J Gross, Frank Wilczek
 (d) Andre Geim, Konstantin Novoselov
- ▶▶ (d) The Nobel Prize in Physics 2010 was Awarded jointly to Andre Geim and Konstantin of Russia "for ground breaking experiments regarding the two dimensional material graphene."
93. "Tabel Chongli" is a form of folk dance associated with the State of
 (a) Paschim Bengal (b) Asom
 (c) Andhra Pradesh (d) Maharashtra
- ▶▶ (b)