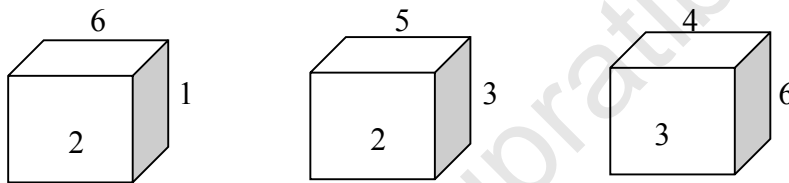


NTR VIDYONNATHI - 2017

Question Papers with Final Keys

English Medium SET - I (Forenoon)

1. A man bought a horse and a cart. If he sold the horse at 10 % loss and the cart at 20 % gain, he would not lose anything; but if he sold the horse at 5% loss and the cart at 5% gain, he would lose Rs. 10 in the bargain. The amount paid by him was Rs. _____ for the horse and Rs. _____ for the cart.
A) 200, 400 B) 400, 200 C) 150, 300 D) 300, 150
2. A contractor agreeing to finish a work in 150 days, employed 75 men each working 8 hours daily. After 90 days, only $\frac{2}{7}$ of the work was completed. Increasing the number of men by _____ each working now for 10 hours daily, the work can be completed in time
A) 150 B) 225 C) 300 D) 255
3. If every alternative letter starting from B of the English alphabet is written in small letter, rest all are written in capital letters, how the month "September" be written.
A) SEpTEMbEr B) SEpTEMbEr C) SeptemberR D) SEpTEMbEr
4. The following figure depicts three views of a cube:



- Which of the following pairs do not correctly give the numbers on the opposite faces?
- A) 6,5 B) 4,1 C) 1,3 D) 4,2
5. A bell rings every 12 minutes. A second bell rings every 15 minutes and a third bell rings every 32 minutes. If the entire three bells ring at the same time at 8 AM, at what time will they all ring together again?
A) 12 PM B) 2 PM C) 4 PM D) 6 PM
 6. Two persons X and Y decided to travel from place P to place Q. X has 12 rupees and it is found that 96% of the bus fare for two persons. Y has 1 rupee with him and hands it over to X. In this context, which one of the following is correct?
A) Now X has just enough money to buy two tickets
B) After buying the two tickets X will be left with 50 paise.
C) After buying the two tickets X will be left with 75 paise.
D) X still needs 50 paise more to buy tickets.
 7. Two equal glasses of same type are respectively $\frac{1}{3}$ and $\frac{1}{4}$ full of milk. They are then filled up with water and the contents are mixed in a pot. What is the ratio of water and milk in the pot?
A) 7:17 B) 7:13 C) 17:3 D) 17:7

8. In a group of persons travelling in a bus, 6 persons can speak Telugu, 15 can speak Hindi and 6 can speak English. In that group none can speak any other language. If 2 persons in the group can speak two languages only and one person can speak all the three languages, then how many persons are there in the group?
 A) 24 B) 26 C) 25 D) 23
9. There is a relation between first line number and corresponding second line number. What is the missing number at ---- in the following pattern?
- | | | | | | |
|---|----|----|---|------|---|
| 3 | 8 | 10 | 2 | ---- | 1 |
| 6 | 56 | 90 | 2 | 20 | 0 |
- A) 4 B) 5 C) 6 D) 7
10. Two cities P and Q are 360 km apart. A vehicle goes from P to Q with a speed of 40 km/hr and returns to P with a speed of 60 km/hr. What is the average speed of the vehicle?
 A) 55 B) 52 C) 50 D) 48
11. Four persons P, Q, R and S consisting of two married couples are in a group. Both the women are shorter than their respective husbands. P is the tallest among the four. R is taller than Q. S is Q's brother. In this context, which one of the following statements is not correct?
 A) All four have family ties.
 B) Q is the shortest among the four.
 C) R is taller than S.
 D) P is Q's husband
12. There are 5 tasks and 5 persons. Task-1 cannot be assigned to either person-1 or person-2. Task-2 must be assigned to either person-3 or person-4. Every person is to be assigned one task. In how many ways can the assignment be done?
 A) 12 B) 24 C) 48 D) 120
13. Candidates in a competitive examination consisted of 60% boys and 40% girls. 70% of boys and 75% of girls cleared the qualifying test and entered the final test where 80% boys and 70% girls were successful. In this context, which of the following statements is correct?
 A) Success rate is higher for girls.
 B) Overall success rate is below 50%.
 C) More girls cleared the examination than boys.
 D) More boys cleared the examination than girls.
14. A person ordered 5 pairs of black socks and some pairs of brown socks. The price of a black pair was thrice that of a brown pair. While preparing the bill, the bill clerk interchanged the number of black and brown pairs by mistake which increased the bill by 100%. What was the number of pairs of brown socks in the original order?
 A) 10 B) 15 C) 25 D) 35

15. The six faces of a cube are painted with red colour and then cut into 27 equal small cubes. In this context, which of the following is not correct
- A) There is only one cube without any red colour on the faces.
 - B) The number of cubes with two faces in red colour is double the number of cubes with three faces in red colour.
 - C) The number of cubes with two faces in red colour is double the number of cubes with one face in red colour.
 - D) There are 26 cubes with at least one face that has red colour.
16. There are six villages P, Q, R, S, T and U such that U is 1 km to the west of S, Q is 1 km to the east of T, P is 2 km to the north of T, R is 1 km to the east of P and S is 1 km to the south of P then which of the following villages are in a line?
- A) P, S, T
 - B) Q, S, U
 - C) R, T, U
 - D) P, T, U
17. Four persons fire bullets to hit a target at an interval of 7, 8, 9 and 12 seconds respectively. How many number of times they would fire the bullets together to hit a target in an hour?
- A) 12
 - B) 9
 - C) 8
 - D) 7
18. Two cars start towards each other, from place X and Y which are at a distance 240 km. They start at the same time 7:45 AM. If the speeds of the cars are 50 km and 30 km per hour respectively then which of the following statement is correct?
- A) They travel 140 km and 100 km respectively to meet each other
 - B) They will meet each other at 10:45 AM
 - C) They travel 145 km and 95 km respectively to meet each other
 - D) They will meet each other at 11:15 AM
19. What will be the next term in the series 5, 9, 16, 29, 54,
- A) 72
 - B) 89
 - C) 103
 - D) 112
20. In a month of 30 days, if third Monday is on 17th date then which of the following week comes 5 times in that month?
- A) Monday
 - B) Tuesday
 - C) Thursday
 - D) Saturday
21. If six persons P, Q, R, S, T, U are standing in a circular form in such a way that Q is middle of U and R, P is middle of T and S and U is left to S. Then who is middle of P and U?
- A) T
 - B) S
 - C) R
 - D) Q
22. If a person walks with 30 km/h then he reached the destination one hour before and he walks with 20 km/h then he reached the destination one hour late. With what speed he should walk to reach the destination by right time and what is the distance he has to travel?
- A) 24km/h, 120km
 - B) 25km/h, 120km
 - C) 24km/h, 100km
 - D) 25km/h, 100km

23. If a person starts at point P, travel 4 km in North direction and then he turns right and travel 3 km, then he turns to South and travel 12 km and then he turns right and travel 9 km to reach a point Q. What is the distance between P and Q and in which direction he should travel to reach the point P from Q?
- A) 14 km, South-West B) 14 km, North-East
C) 10 km, South-West D) 10 km, North-East
24. Radha, Geeta and Revathi went for a picnic. After a few days they forgot the date, day and month on which they went to picnic. Radha said that it was on Thursday, May 8 and Geeta said that it was Thursday May 10. Revathi said Friday June 8. Now one of them told all things wrongly, in rest of them, one told one thing wrongly and the other two things wrongly. If April 1st is Tuesday, what are the right day, date and month?
- A) Sunday, 8th June B) Saturday, 10th May
C) Thursday, 8th May D) Tuesday, 8th June
25. What is the acute angle between the minute hand and hour hand of a clock when the time 4:20
- A) 20° B) 15° C) 10° D) 0°

Direction 26-28: Use the following information to answer the questions 26, 27 and 28. In a college of 3600 students, 46% are Arts students, 28% are Science students and 26% are Engineering students. There are 60% of students are Male and the rest are Female. The table, given below, indicates the percentage break up of male students and female students across the various streams:

Stream	Male	Female
Arts	50%	2a%
Science	20%	b%
Engineering	30%	a%

In the above table 'a' and 'b' are positive real numbers and 2a means product 2 and 'a'.

26. For Engineering stream, what is the ratio of the number of male students to female students?
- A) 9 : 4 B) 2 : 1 C) 5 : 3 D) 4:3
27. What is the difference between the number of female students studying Arts and female students studying Science?
- A) 144 B) 216 C) 288 D) 0
28. For Science stream, what is the difference of the number of female students and male students?
- A) 136 B) 144 C) 148 D) 152

Passage I (Question Numbers 29 – 32)

A close look at the facts relating to political interference in administration shows that it is not a one-way process. There is often a nexus between power hungry and corrupt politicians and civil servants with convenient principles. Many civil servants are only too anxious to oblige the politicians, and then cash the obligation when they need some special favour. So the attitude of self-righteousness adopted by the civil service is sometimes only a way of covering their own flaws by blaming others. Every now and then some retired civil servants come out with his memoirs, painting a glorious picture of the heights of administrative efficiency reached during his reign. There is often the suggestion that had there not been so much political interference, things would have been even more fantastic. It is not unusual for the self styled hero to blame not only interfering politicians but also fellow civil servants who are idiots or crooks, for his failures. This attitude of smug self-satisfaction is, unfortunately, developed during the years of service. Self preservation rather than service is encouraged by our whole system of rules and procedures.

The remedy has to be drastic and quickly effective. The over protection now granted to civil servants must end. Today to remove an erring civil servant is just not possible. And the only thing that the highest authority in the Government, both in the State and at the Centre, can do is to transfer an official from one job to another. The rules for taking disciplinary action are so complicated that, in the end, the defaulting civil servants gets away, and gets his full emoluments even for the period of the disciplinary proceedings, thus making it a paid holiday for him. The result is that the administration has become rule-oriented and not result-oriented. Action is possible against the official who takes some interest in his work, but no action is ever taken against a person who does not deliver the goods. If the country is to adopt a result-oriented approach, it is necessary to link job performance with job retention.

29. According to the writer, the civil servants who write their memoirs after retiring _____.
- A. Claim that they would have achieved outstanding success if interference had not come in the way.
 - B. Prove that constant political interference made it impossible for them to do anything properly.
 - C. Complain that the credit for their achievements goes to dishonest politicians.
 - D. Prove that people of inferior quality in the civil service bring about interference.

30. The problem with the present set-up needing urgent action is
- A. A lack of accountability on the part of civil servants.
 - B. A lack of control over the power of politicians.
 - C. A neglect of the ideals of self-righteousness.
 - D. Complicated rules and procedures that greatly reduce efficiency.
31. Which one of the following is proposed by the writer as the main principle of the remedy to current situation?
- A. The politicians should be made accountable for all their decisions.
 - B. The high level of protection enjoyed by civil servants should be reduced.
 - C. The common man's right to efficient and fair administration must be protected.
 - D. Rules should be simplified so that there is less scope for misuse.
32. The expression linking job performance with job retention refers to a policy in which:
- A. Selection to civil service jobs is on the basis of rigorous performance tests.
 - B. Selection to civil service jobs is on the basis of rigorous performance and no minister's opinion should be the basis of transfer or promotion.
 - C. Retention of good government servants by discouraging their going to private companies.
 - D. Continuation in service will depend on satisfactory performance.
33. Who wrote the book titled "Dr. Ambedkar: Life and Mission"?
- A. Dhananjay Keer
 - B. Sharma Arvind
 - C. Naik C. D
 - D. Chandrababu. B

34. Who was the last guru of the Sikhs?
A. Guru Granth Sahib
B. Guru Gobind Singh
C. Guru Angad
D. Guru Amar Das
35. Who founded the Bande Mataram?
A. Mahathma Gandhi
B. Bal Gangadhar Tilak
C. Lala Lajpat Rai
D. Bibin Chandra Pal
36. Which is the official language of the Satavahanas?
A. Prakrit
B. Urdu
C. Konkani
D. Sanskrit
37. Which of the following books was authored by Magasthenes?
A. Metamorphosis
B. Coffin Texts
C. Indica
D. The Iliad
38. In which year did Jallianwala bagh incident take place at Amristar?
A. 1917
B. 1918
C. 1919
D. 4.1916
39. When and where was the All India Kisan Sabha formed ?
A. 1930, Kolkata
B. 1932, Mumbai
C. 1935, Kanpur
D. 1936, Lucknow

40. Who is called with the title of 'Mahamana'?
- A. Dada Bhai Naurozi
 - B. Gopal Krishna Gokhale
 - C. Madan Mohan Malvia
 - D. Jawaharlal Nehru
41. In which year were the Morley-Minto Reforms passed?
- A. 1907
 - b. 1910
 - c.1908
 - d.1909
42. Who is known as Maker of the Modern India?
- A. Lord Dalhousie
 - B. Lord Canning
 - C. Lord Mountbatten
 - D. Lord Clive
43. Which system is followed by Indus Valley civilization for trade?
- A. Barter System
 - B. Money System
 - C. Bargain System
 - D. Agreement System
44. Which is also called as 'Gateway of Karnataka ?
- A. Belagaum
 - B. Mysore
 - C. Bangalore
 - D. Mangalore Port
45. In which city, the head office of the Inland Waterways Authority of India (IWAI) is located?
- A. Mumbai
 - B. New Delhi
 - C. Noida
 - D. Kolkata

46. Which state is the largest producer of bananas in India?
- A. Kerala
 - B. Maharashtra
 - C. Tamil Nadu
 - d. Jhrakhand
47. Which river has the longest rift valley?
- A. Amazon
 - B. Jordan
 - C. Banias
 - D. Dan
48. Which one of the following country is not a part of Australasia?
- A. New Zealand
 - B. Tasmania
 - C. New Guinea
 - D. Philippines
49. Longitudes are measured from 0 to
- A. 180° South and 180° North
 - B. 90° East and 90° West
 - C. 180° East and 180° West
 - D. 90° East and 180° West
50. Which of the following Soil is not suitable for Agriculture?
- A. Desert Soils
 - B. Alluvial Soils
 - C. Black Soils
 - D. Laterite Soils
51. Which country has the highest number of active volcanoes in the world?
- A. Australia
 - B. Japan
 - C. Russia
 - D. Indonesia

52. _____ is the lowest country on the earth?
- A. Belgium
 - B. Netherlands
 - C. Maldives
 - D. Norway
53. The world's smallest country in both population and in terms of total square miles is
- A. Vatican City
 - B. Tuvalu
 - C. Nauru
 - D. Palau
54. Which of the following is the second highest mountain in India?
- A. Nanda Devi
 - B. Amsot Peak
 - C. Doddabetta
 - D. Guru Shikhar
55. Which Article of the Indian Constitution guarantees rights to arrested persons?
- A. Article 22
 - B. Article 35
 - C. Article 20
 - D. Article 42
56. In which decades India had the maximum number of Prime Ministers?
- A. 2001-2010 b. 1991-2000
 - c. 1981-1990 d. 1997-1980
57. Sexual Harassment comes under which section of Indian Penal Code?
- A. Section 211
 - B. Section 310
 - C. Section 405
 - D. Section 509

58. Who was the Prime Minister of India, when the Panchayats were given the constitutional status?
- A. V.P. Singh
 - B. P.V. Narsimha Rao
 - C. Chandrashekhar
 - D. Rajiv Gandhi
59. The first Municipal Corporation in India was set up in _____ at _____.
- A. 1687, Kolkatta (Calcutta)
 - B. 1687, Madras
 - C. 1687, Mumbai
 - D. 1687, Delhi
60. Who is called as the Father of Indian Economic Reform?
- A. Indira Gandhi
 - B. Rajiv Gandhi
 - C. Manmohan Singh
 - D. Jawahar Lal Nehru
61. Which commission recommended the constitution of a permanent Inter-State Council for co-ordination among state and with the union?
- A. Rajmannar Commission
 - B. Anandpur Sahib Resolution
 - C. Sarkaria Commission
 - D. Punchi Commission
62. Which one of the following is the official document of India?
- a. Yellow book
 - b. Red Book
 - c. Green Paper
 - d. White Paper
63. How is the name of our country mentioned in the Constitution?
- a. India b. Bharat c. Hindustan d. India and Bharat

64. Which of the following is not a Fundamental Rights?
- Right against exploitation
 - Equal pay for Equal work
 - Right to freedom of religion
 - Right to freedom of speech
65. By which amendment, the Right to Property (Article 31) was deleted from the list of fundamental rights?
- 44th Amendment Act, 1978
 - 42th Amendment Act, 1970
 - 46th Amendment Act, 1972
 - 40th Amendment Act, 1987
66. Which article prohibits the employment of children below the age of 14 in any Organization?
- Article 17
 - Article 23
 - Article 33
 - Article 24
67. Which is the market for medium term and long term funds?
- Money Market
 - Capital Market
 - Financial Exchange
 - Financial Market
68. Which one of the following is the regulator of Telecommunication Industry?
- GOI
 - TRAI
 - UN
 - Telecommunication Ministry

69. Indira Gandhi Matritva Sahyog Yojana is associated with
- Women Empowerment
 - Girl Child Education
 - Urban Development
 - Rural Development
70. Which scheme seeks to provide shelter to rural BPL house holds?
- Pradhan Mantri Jan-Dhan Yojana
 - Indira Awaas Yojana
 - Housing for All
 - Bharat Nirman
71. Which state has launched the Gram Suraj Abhiyan to reach to the door of people ?
- Maharashtra
 - Andra Pradesh
 - Madhya Pradesh
 - Chhattisgarh
72. How many censuses have been carried out since independence?
- a. 5 b.6 c. 7 d. 8
73. Rays emitted by radioactivity are
- A) X-rays B) Microwaves C) Gama rays D) Infra red rays
74. Ball pen works on the principles of
- A) Capillary and surface tension b) Gravitational forces
c) Boyle's law d) Viscosity
75. What is the name of the uppermost layer of the Earth's crust which is capable of supporting life?
- Biosphere
 - Lithosphere
 - Hydrosphere
 - Stratosphere

76. The troposphere layer keeps us “not too hot in the summer” and “not too cold in the winter.” How do scientists call this effect?
- Greenhouse Effect
 - Seasonal Effect
 - Ocean Effect
 - Lake Effect?
77. The solar energy that warms the earth includes visible light, infrared and _____ coming from the sun.
- Gamma Rays
 - Ultra Violet Radiation
 - Microwaves
 - Sunspots
78. Which one of following is not a part of greenhouse gas along with water vapour?
- Carbon dioxide
 - Ozone
 - Nitrogen
 - Methane
79. Study the following lists:

List – I		List – II	
P.	Population	i.	Part of the earth consisting of all the ecosystems of the world
Q.	Community	ii.	Assemblage of all the individuals belonging to different species occurring in an area
R.	Ecosystem	iii.	Group of similar individuals belonging to the same species found in an area
S.	Ecosphere	iv.	Interaction between the living organisms and their physical environmental components

Which one of the following is correct match?

- P - i, Q - iv, R- ii, S- iii
- P - iv, Q - ii, R- iii, S - i
- P - ii, Q - iii, R - i, S - iv
- P - iii, Q - ii, R - iv, S - i

80. Assertion: Tropical rain forests are disappearing fast from developing countries such as India.

Reason: No value is attached to these forests because these are poor in biodiversity.

The correct answer is:

A. Both Assertion and Reason are true and Reason is the correct explanation of the Assertion.

B. Both Assertion and Reason are true but the Reason is not the correct explanations of Assertion.

C. Assertion is true, but Reason is false.

D. Both Assertion and Reason are false

81. What is the use of Lichens?

A. Source of wood

B. Initial vegetation for waste lands

C. Bio-indicator for water and air pollution

D. To check the air pollution

82. The correct sequence of plants in a hydrosere is

A. Oak → Lantana → Volvox → Hydrilla → Pistia → Scirpus

B. Volvox → Hydrilla → Pistia → Scirpus → Lantana → Oak

C. Oak → Lantana → Scirpus → Pistia → Hydrilla → Volvox

D. Pistia → Volvox → Scirpus → Hydrilla → Oak → Lantana

83. Assertion: A network of food chains existing together in an ecosystem is known as a food web.

Reason: An animal like kite cannot be a part of a food web.

The correct answer is:

A. Both Assertion and Reason are true and the Reason is the correct explanation of the Assertion.

B. Both Assertion and Reason are true but the Reason is not the correct explanation of the Assertion.

C. Assertion is true statement but Reason is false.

D. Both Assertion and Reason are false

84. Which device is used to limit the current in an electrical circuit?

- A. Capacitor
- B. Resistor
- C. Inverter
- D. Fuse

85. Which of the following is chief source of Napthalene?

- a. Moth balls
- b. Mothflakes
- c. Tar Camphor
- d. Coal tar

86. What is Ethology?

- a. Study of animal behaviour
- b. Study of Plants
- c. Study of Insects
- d. Study of Fossils

87. Blood is a which type of tissue?

- a. Epethelial
- b. Reproductive
- c. Connective
- d. Muscular

88. The number of Mitochondria in bacteria cell is

- a. One
- b. Zero
- c. Two
- d. Four

89. Which acid is also known as king of the acids ?

- a. Hydrochloric acid
- b. Citric Acid
- c. Sulphuric Acid
- d. Acetic acid

90. In water treatment, for what purpose are Ultraviolet rays used?

- a. Distillation
- b. Contamination
- c. Disinfectant
- d. Condensation

91. Which of the following is used for killing Rats ?
- Zinc Sulphate
 - Zinc Phosphide
 - Zinc Nitrate
 - Zinc Oxide
92. Which acid is used as ink remover?
- Acetic acid
 - Oxalic acid
 - Malonic acid
 - Formic acid
93. What is the empirical formula for Chloroform?
- CH_3Cl_3
 - CH_2Cl_3
 - CH_2Cl_2
 - CHCl_3
94. A dice is numbered 1 to 6 in different ways. If 5 is opposite to 6, 2 is opposite to 4, then
- The face 5 is adjacent to the faces 2 and 4
 - The face 1 is adjacent to the faces 3 and 6
 - The face 5 is adjacent to the faces 3 and 1
 - The face 3 is adjacent to the faces 5 and 1
95. A picture is copied onto a sheet of size 8.5" x 11". A margin of 1.5" is left on all sides. What area does the picture cover?
- 44 sq. inches
 - 77 sq. inches
 - 72 sq. inches
 - 54 sq. inches
96. If south west becomes East, North west become South what will be the direction of East?
- North west
 - South west
 - South East
 - west
97. At present Sita's age is half the age of her father. 20 years back her age was one fourth age of her father. What will be the age of Sita after 10 years.
- 40 years
 - 30 years
 - 50 years
 - 45 years
98. Rahul's mother is the only daughter of Monika's father. How is Monika's husband is related to Rahul?
- Father
 - Uncle
 - Grand father
 - Brother
99. If each side of a square is increased by 10%, find the percentage of increase in the area of the square.
- 21
 - 10
 - 20
 - 25
100. If the average of five consecutive odd numbers is 61, what is the smallest number?
- 57
 - 63
 - 55
 - 59

101. The total age of A and B is 8 years more than the total age of B and C. How many years is C younger to A?
a. 8 b. 6 c. 4 d. 5
102. A father said to his son “ I was as old as you are at present at the time of your birth”. If the father is 38 now, the son’s age 5 years back was
a. 14 b. 33 c. 19 d. 38
103. Which of the following is correct regarding non aligned movement?
i) 17th non aligned movement summit was held at Venezuela
ii) The conference was presided by Nicholas Maduro
iii) India was represented by Vice President Hamid Ansari
iv) Prime Minister Narendra Modi was the Chief guest
a) i & ii are correct B) i, ii, iii are correct
c) i only correct d) All are correct
104. The place Aleppo which was recently in the news is located in
a) Iraq b) Lebanon c) Syria d) Israel
105. Which of the following is not correct regarding GST (Goods and services tax)?
a. GST come in to effect from July 1, 2017
b. Prime Minister is the Chairman of the GST council
c. GST council formed through article 279-A of the constitution
d. 279-A article included in the constitution through 101 constitutional amendment
106. Which of the following statements is not correct regarding Fidel Castro?
a. Castro fought against Batista Government in Cuba.
b. He formed the Government in Cuba.
c. He was the President & Prime Minister of Cuba between 1959 to 2008.
d. He was elected as Chairman of Non-Aligned Movement in 1983.
107. Agni-5 missile successfully launched from Odisha on
a. 2016 December 16 b. 2016 December 22
c. 2016 December 26 d. 2016 December 28
108. In 2017 February & March Assembly elections were held in
a. UP, Punjab, Goa, Uttarakhand, Tripura
b. UP, Punjab, Goa, Jharkhand, Tripura
c. UP, Punjab, Goa, Uttarakhand, Manipur
d. UP, Punjab, Odisha, Uttarakhand, Manipur
109. Which of the following towers in Andhra Pradesh is part of HRIDAY scheme of the Government of India?
a. Visakhapatnam b. Tirupati
c. Rajahmundry d. Amaravathi
110. Who is the new Prime Minister of Nepal appointed in 2017 June?
a. P.K Dhahal b. K.P Oli
c. Prahchanda d. Sher Bahadur Deuba
111. The host city for G-20 countries summit in 2016 is
a. Beijing b. Nanjing c. Hangzhou d. Shanghai

112. The 104th Indian Science Congress held at Tirupati inaugurated by Prime Minister on
- 2017 January 2
 - 2017 January 3
 - 2017 January 4
 - 2017 January 5
113. Donja is recently in news because
- It is a traditional folk dance in Odisha
 - It is an ancient tribe that lives in North East India
 - It is a village adopted by Sachin Tendulkar
 - It is an app developed by Central Government
114. Global agreement in specific control strategies to reduce the release of Ozone depleting substances was adopted by
- The Vienna convention
 - Rio deganerio
 - The Montreal protocol
 - the Kyoto protocol
115. To maintain agricultural and food security while facing the impacts of climatic changes, the possible remedy is
- Importing food grains by using non financial exchange policy but only through product exchange policy.
 - Using crop diversification programme with disease and drought resistant varieties
 - Increasing crop area by bringing waste lands under agricultural fold.
 - Food grains cultivations should be replaced by alternate crops.
116. Government of India introduced an Act for the regulation and fishing by foreign vessels in Indian territorial waters through:
- MPEDA Act -1972
 - EEZ Act -1976
 - Maritime zones of India Act -1980
 - Biological Diversity Act-2002
117. Select the effects of Global climate change on environment:
- Glaciers have shunk
 - Breaking up of ice on lakes and rivers
 - Shifting of plant and animal ranges
 - Trees are flowering sooner
- i and ii are correct
 - i, ii, and iii are correct
 - ii, iii and iv are correct
 - all are correct
118. Feed stocks used for the ethanol extraction which is useful for the preparation of Bio-fuel include:
- Sugars such as cane sugar, beet sugar and fruits
 - Starches from wheat, rice, potatoes and sweet potatoes
 - Lignocelluloses from rice straw, bagasee, wood and energy crops
 - All the above
119. Which of the following is not correctly matched:
- Raja Ram Mohan Roy--- Brahma Samaj
 - Swami Dayananda---- Arya Samaj
 - Annie Besant –Theosophical Society
 - Atmaram Pandurang--- Satya Shodak Samaj

132. Which constitutional Amendment included right to education as fundamental right?
- a. 84th Amendment b. 85th Amendment
c. 86th Amendment d. 87th Amendment
133. Which of the following is not counted in Human Development Index (HDI)?
- a. Life expectancy b. Number of years of schooling
c. Ownership of basic assets d. per capita income
134. Special Economic zones (SEZ) in India established in the year
- a. 2002 February 10 b. 2005 February 10
c. 2006 February 10 d. 2007 February 10
135. The share of the central taxes to states recommended by 14th finance commission is
- a. 32.5% b. 36% c. 38% d. 42%
136. The immediate reason to start Economic reforms in 1991 due to
- a. crisis in balance of payments b. general Economic crisis
c. crisis in public sector d. crisis in production
137. The amount allotted by central government for a smart city every year:
- a. 52 crores b. 100 crores c. 150 crores d. 200 crores
138. Industrial policy resolution 1977 focused on
- a. Heavy industries b. small scale and village industries
c. Foreign Direct investment d. Mining

Passage III (Question Numbers 139-141)

Massage can be a natural tranquilliser. It has been used in virtually every culture throughout history to relieve aches and pains, unknotted tense muscles, and help the body – and the mind – to relax. There are several types of the massages, but the most popular are Oriental massage and Swedish massage. The chief difference between them is that some of the strokes in Swedish massage are designed to stimulate rather than to relax the body. It is unfortunate that many people who might benefit from massage never try it, dismissing it as a specialised treatment for athletes or disabled people or as an unjustifiable indulgence. If you think this way, you are missing out on something enjoyable. Any one can learn to give massage. It is a simple extension of warm human care and touch. Professional masseurs and masseuses offer the benefit of both skill and experience. They should be trained in anatomy and physiology so that they can identify muscles that are in spasm or painful knots that have built up by misuse of the body. Experienced professionals generally understand the requirements of various body types and are able to choose strokes that are beneficial for the individual. During a typical one-hour session the routine builds subtly in intensity and then subsides.

139. Which massage stimulates the same points stimulated in acupuncture?
- a. Swedish massage b. Oriental massage

2. Committee layout Q. well defined objective
3. U-shaped Layout R. often unhappy compromises are made
4. Meeting S. record of who said what and when
5. Groups T. everyone is visible to everyone else

- A. 1-P, 2-Q, 3-S, 4-T, 5-R
B. 1-Q, 2-R, 3-S, 4-P, 5-T
C. 1-R, 2-S, 3-T, 4-P, 5-Q
D. 1-S, 2-P, 3-T, 4-Q, 5-R

148. How do you call the condition in which an individual's emotional state is at an extreme and is joined with cognitions?
- a. Glossophobia
 - b. Proxemics
 - c. Paranoia
 - d. Stage phobia
149. You have differences of the opinion regarding the final report prepared by your subordinate that is to be submitted urgently. The subordinate is justifying the information given in the report. Which one of the following is a correct approach?
- A. Convincing the subordinate that he is wrong
 - B. Telling the subordinate to reconsider the results
 - C. Revising the report on your own
 - D. Telling the subordinate not to justify the mistake
150. On 2017 February 27th, which film was selected for Oscar award as best film?
- a. The Salesman
 - b. Manchester by the Sea
 - c. La la land
 - d. Moonlight

&&&&

NTR VIDYONNATHI -2017 SET-1 (E.M & T.M)

FINAL KEY

Q No	Answer
1	B
2	A
3	D
4	B
5	C
6	B
7	D
8	D
9	B
10	D
11	C
12	B
13	D
14	C
15	B
16	A
17	D
18	B
19	C
20	D
21	B
22	A
23	D
24	A,B
25	C
26	A
27	D
28	B
29	B
30	A
31	B
32	D
33	A
34	B
35	D
36	A
37	C
38	C
39	D
40	C

Q No	Answer
41	D
42	A
43	A
44	D
45	C
46	C
47	B
48	D
49	C
50	A
51	D
52	C
53	A
54	A
55	A
56	B
57	D
58	B
59	B
60	C
61	C
62	D
63	D
64	B
65	A
66	D
67	B
68	B
69	A
70	B
71	D
72	C
73	C
74	B
75	A
76	A
77	B
78	C
79	C
80	C

Q No	Answer
81	C
82	B
83	C
84	D
85	D
86	A
87	C
88	B
89	C
90	C
91	B
92	B
93	D
94	A,C
95	A
96	A
97	A
98	A
99	A
100	A
101	A
102	A
103	B
104	C
105	B
106	D
107	C
108	C
109	D
110	D
111	C
112	B
113	C
114	C
115	B
116	C
117	D
118	D
119	D
120	D

Q No	Answer
121	D
122	D
123	D
124	A
125	B
126	D
127	C
128	B
129	C
130	C
131	B
132	C
133	C
134	C
135	D
136	A
137	B
138	B
139	A
140	C
141	D
142	C
143	A
144	C
145	B
146	A
147	D
148	C
149	B
150	D