

SECTION - I  
ENGLISH

1. Who was the first recipient of Bharat Ratna to be awarded posthumously ?  
 (A) Rajendra Prasad (B) Indira Gandhi (C) Lal Bahadur Shastri (D) Mother Teresa (E)
2. Large volume of Compressed Natural Gas (CNG) is available in small cylinders due to its property of :  
 (A) High inflammability (B) Easy availability (C) High compressibility (D) Low density (C)
3. Non-green plants like mushroom can't make their own food because :  
 (A) They are too small (B) They lack chlorophyll (C) They lack photo-tropism (D) They lack roots to suck water from the soil (B)
4. The main sources of our knowledge about the Indus Valley Civilisation is :  
 (A) Inscriptions (B) Coins (C) Manuscripts (D) Archaeological Excavations (D)
5. For 20 students, the mess bill for 12 days is Rs. 7000. In how many days will the mess bill will be Rs. 4900 for 8 students ?  
 (A) 20 days (B) 21 days (C) 22 days (D) None of the above (D)
6. In an examination, Ram secured 574 marks and Gita secured 76% of the total marks. If Ram secured 82% of the total marks, the difference in their marks is :  
 (A) 40 (B) 41 (C) 42 (D) 43 (C)
7. Who is the present Chief Justice of India ?  
 (A) Justice S.H. Kapadia (B) Justice Altamas Kabir (C) Justice P. Sathasivam (D) None of the above (A)

8. The organ in the body which accumulates iodine is :  
(A) Pituitary gland (B) Thymus (C) Thyroid gland (D) Spleen
9. With which sports is Jayanta Talukdar associated ?  
(A) Golf (B) Snooker (C) Archery (D) Shooting
10. Silver tarnishes due to the formation of :  
(A) Oxide layer (B) Nitride layer  
(C) Sulphide layer (D) None of the above
11. Hindu rate of growth refers to the rate of growth of :  
(A) GDP (B) Population (C) Agriculture (D) Per Capita Income (B)
12. Which of the following ruler held a religious assembly at Prayag every five years ?  
(A) Ashoka (B) Kanishka  
(C) Chandragupta Vikramaditya (D) Harshavardhana (D)
13. 2, 4, 12, 48, 240, \_\_\_\_\_  
(A) 480 (B) 1260  
(C) 1440 (D) None of the above (C)
14. Which of the following number becomes a perfect cube when it is divided by number 5 ?  
(A) 25 (B) 125 (C) 625 (D) 3125 (B)
15. A family consumes 60kg of rice for 24 days. How much rice will the family consume in 18 days ?  
(A) 38 kg (B) 42 kg (C) 45 kg (D) 48 kg (C)
16. Who among the following saints wrote "Bijak" ?  
(A) Ramdas (B) Tulsidas (C) Guru Arjun (D) Kabir
17.  $6 : 35 :: 11 : ?$   
(A) 120 (B) 121 (C) 115 (D) 124 (A)

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18. The World Trade Organisation (WTO) was earlier known as : (D)  
 (A) UNICEF (B) FAO (C) UNCTAD (D) GATT
19. A sold a table for Rs. 420 at a gain of 5%. B sold the table for Rs. 477 at a gain of 6%. Who got more profit and by how much ? (B)  
 (A) A, Rs. 10 (B) B, Rs. 7 (C) A, Rs. 8 (D) B, Rs. 10
20. Life of RBC in human blood is of : (C)  
 (A) 30 days (B) 90 days  
 (C) 120 days (D) None of the above
21. Travelling at  $\frac{4}{5}$  of his speed, a man is 15 minutes late. What is his usual time to cover the same distance ? (A)  
 (A) 60 minutes (B) 75 minutes  
 (C) 45 minutes (D) none of the above
22. ACE : HIL :: MOQ : ? (A)  
 (A) TUX (B) TVX  
 (C) XVT (D) None of the above
23. An odd number when multiplied by itself gives 2401. The number is : (C)  
 (A) 41 (B) 39 (C) 49 (D) 51
24. The Mayor of a Corporation is : (B)  
 (A) Elected by the people (B) Elected by the members of the Corporation  
 (C) Appointed by the Chief Minister (D) Appointed by Government
25. Which of the following river originates near Mahabaleshwar ? (A)  
 (A) Krishna (B) Kaveri (C) Godavari (D) Tapi
26. If we divide 180 into two parts such that the second part is 12 more than the twice of the first part, then the two parts are ? (A)  
 (A) 56, 124 (B) 54, 126 (C) 52, 128 (D) 50, 130

27. Where are Shevaroy hills located ? (D)  
 (A) Андінна Гітадесі (B) Karnataka  
 (C) Kerala (D) Tamil Nadu
28. What does SENSEX stand for ?  
 (A) Sensitivity Index of Share Price (B) Shares and Securities Exchange  
 (C) Securities Index of Share Price (D) None of the above (A)
29. What is the Law-making body of the government called ?  
 (A) Judiciary (B) Legislature  
 (C) Executive (D) None of the above (B)
30. Which dynasty ruled over Delhi Sultanate before the Mughals ? (A)  
 (A) Lodhi (B) Sayyid (C) Tughlaq (D) Khilji
31. Which of the following is not an objective of Fiscal Policy of Government of India :  
 (A) Full employment (B) Price stability (D)  
 (C) Regulation of Inter-state trade (D) Equitable distribution of wealth and income
32. In Krishnadeva Raya's court "Ashtadiggajas" were the :  
 (A) eight great poets of his court (A)  
 (B) eight great ministers in his court  
 (C) eight great performers of his court  
 (D) none of the above
33. What is the time taken by a 180 m long train running at 54 km/h to cross a man standing on a platform ?  
 (A) 9 seconds (B) 10 seconds (C) 12 seconds (D) 15 seconds (C)
34. Drama : Director :: Team : ? (B)  
 (A) Spectator (B) Captain (C) Player (D) Playground
35. In how many years will Rs. 2200 amount to Rs. 2266 when money is borrowed at 2% per annum at simple interest ?  
 (A)  $1\frac{1}{2}$  years (B) 2 years (C)  $2\frac{1}{2}$  years (D) 3 years (A)

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36. Buddha did not recognise :

(i) Idol Worship

(ii) Existence of Life after death

(iii) Sacrifice

(A) (i) and (iii)

(B) (i) only

(C) (ii) and (iii)

(D) (i), (ii) and (iii)

(B)

37. With the increase in pressure the boiling of the liquid :

~~(A)~~ Increases (B) Decreases

(C) Does not change

(D) None of the above

(A)

38. The greatest invention of man in Palaeolithic Age was :

(A) Fire

(B) Potter's Wheel

(C) Spinning of Cloth

(D) None of the above

(D)

39. Which city won the "Best Heritage City, 2011-12"?

(A) Amritsar

(B) Kolkata

(C) Hyderabad

(D) Warangal

40. The marked price of a radio is Rs. 1200. Find the discount percentage allowed on the Radio if it is sold for Rs. 1050 ?

(A) 10%

(B) 12.5%

(C) 15%

(D) None of the above

(B)

41. Dadasaheb Phalke-2012 has been awarded to :

(A) Soumitra Chatterjee

 (B) Pran

(C) K. Balachander

~~(D)~~ D.Ramanaidu

(B)

42. Silver, Gold and Platinum are called Noble metals because :

(A) These are expensive

(B) They were worn by Nobles in olden days

(C) They have very less reactivity

(D) All of the above

(C)

43. Which sugar is present in considerable amount in the blood ?

(A) Glucose

(B) Fructose

(C) Galactose

(D) Sucrose

(A)

44. In human body the leg bones are :  
(A) Humerus and Femur (B) Tibia and Fibula  
(C) Fibula and Ulna (D) Tibia and Radius
45. The ancient time state-craft and polity is described in : (C)  
(A) Mahabharata (B) Rajatarangini (C) Arthashastra (D) Manusmriti
46. Two numbers are in the ratio 11 : 13. If 12 is subtracted from each number the remainders are in the ratio 7 : 9. The numbers are :  
(A) 22, 26 (B) 33, 39 (C) 44, 52 (D) None of the above (B)
47. Korba coalfields are situated in :  
(A) Madhya Pradesh (B) Chhattisgarh  
(C) Jharkhand (D) Odisha
48. 'Madhubani', a style of folk paintings, is popular in which of the following states in India ?  
(A) Uttar Pradesh (B) Madhya Pradesh  
(C) Bihar (D) Rajasthan
49. Usain Bolt, the 100m sprinter belongs to which country ? (A)  
(A) Jamaica (B) USA  
(C) Trinidad and Tobago (D) Nigeria
50. KPA, LQB, MRC, NSD, OTE  
(A) TOE (B) OTE (B)  
(C) OET (D) None of the above
51. Solution of soap in water is :  
(A) True solution (B) Colloidal solution  
(C) Suspension (D) None of the above
52. Which of the following tax is exclusively assigned to the state governments :  
(A) Estate duty (B) Sales tax  
(C) Corporation tax (D) None of the above (B)

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53. Intermolecular forces of attraction is maximum in : (A)  
 (A) Solid (B) Liquid (C) Gas (D) Plasma particles
54. Which of the following battle was fought 1192 AD ?  
 (A) First battle of Tarain (B) Second battle of Tarain  
 (C) Battle of Talikota (D) None of the above (B)
55. A reduction of 10% in the price of an article enables a dealer to purchase 25 more articles for Rs. 45000. What is the original price of the article ?  
 (A) Rs. 100 (B) Rs. 150  
 (C) Rs. 200 (D) None of the above
56. The Third Battle of Panipat was fought between :  
 (A) Marathas and the East India Company (C)  
 (B) Ahmad Shah Abdali and the Sikhs  
 (C) Ahmad Shah Abdali and the Marathas  
 (D) Ahmad Shah Abdali and Mughals
57. Which among the following is the oldest monument ? (B)  
 (A) Ajanta (B) Khajuraho (C) Taj Mahal (D) Golconda Fort
58. Who is known as the "First Law Officer" of India ? (C)  
 (A) Chief Justice of India (B) Law Minister of India  
 (C) Attorney of General India (D) None of the above
59. Which city will host 2016 Summer Olympics ? (D)  
 (A) London (B) Sydney (C) Seoul (D) Rio de Janeiro
60. "Shahnama" was written by :  
 (A) Alberuni (B) Firdausi (C) Amir Khusrau (D) Abul Fazal
61. Who among the following was not an exponent of Bhakti movement ? (D)  
 (A) Ramananda (B) Kabir (C) Shankaracharya (D) Guru Nanak

62. The capital city of the Pallavas was : (B)  
(A) Vatapi (B) Kanchipuram (C) Madurai (D) Hampi
63. Which country will host FIFA world cup-2014 ?  
(A) Spain (B) Brazil (C) Germany (D) South Africa
64. When is the 'Earth Day' observed ? (C)  
(A) 10<sup>th</sup> January (B) 27<sup>th</sup> February  
(C) 22<sup>nd</sup> April (D) 4<sup>th</sup> June
65. Dalbergia species is associated with which one of the following ?  
(A) Cashew nut (B) Coffee (C) Tea (D) Rosewood
66. Which Indian city is also known as the "Golden City"?  
(A) Amritsar (B) Jaisalmer (A)  
(C) Jaipur (D) None of the above
67. Which country will host the Finals of Thomas cup 2014 ?  
(A) China (B) South Korea (C) Indonesia (D) India
68. The U.N. has proclaimed 2013 as the year of :  
(A) International Year of Youth  
(B) International Year of Water Cooperation  
(C) International Year of Save Dolphin  
(D) None of the above
69. Iron possess good casting properties when compared with copper because :  
(A) Iron contracts on solidification  
(B) Iron expands on solidification  
(C) Copper expands on solidification  
(D) None of the above



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70. Who won the US open men's doubles 2013 title ?  
(A) Alexander Peya and Bruno Soares  
(B) Bob Bryan and Mike Bryan  
(C) Leander Paes and Radek Stepanek  
(D) Leander Paes and Mahesh Bhupathi
71. Coal is found in :  
(A) Volcanic rocks  
(B) Metamorphic rocks (C)  
(C) Igneous rocks  
(D) None of the above
72. "Right to Constitutional remedy" has been mentioned in which article of the constitution ?  
(A) Article 30  
(B) Article 32 (B)  
(C) Article 35  
(D) None of the above
73. Cheteshwar Pujara is associated with which sports ?  
(A) Lawn Tennis (B) Table Tennis (C) Badminton (D) Cricket
74. Who is the first Indian Cricketer to score 300 runs in Test Cricket ?  
(A) Shikhar Dhawan (B) Sachin Tendulkar  
(C) Sunil Gavaskar (D) Virender Sehwag
75. Liquids have :  
(A) Fixed volume and fixed shape  
(B) Fixed shape and no fixed volume  
(C) Fixed volume and no fixed shape  
(D) Neither fixed volume nor fixed shape (D)
76. Total number of electrons in the penultimate shell of an element with atomic number 36 is :  
(A) 18 (B) 10 (C) 8 (D) 16
77. "Indira Gandhi Gold Cup" is awarded for which sports ?  
(A) Women's Hockey (B) Women's Football (A)  
(C) Women's Cricket (D) Women's Badminton

78. Pickles are not stored in steel or aluminium containers because :
- (A) Steel has chromium which is poisonous
  - (B) Aluminium takes oxygen from the pickles and spoils it
  - (C) Pickles have acids which can corrode iron and aluminium making pickles poisonous
  - (D) None of the above
79. The outcome of devaluation of currency is :
- (A) Increased Exports and improvement in balance of payment
  - (B) Increase in Exports and foreign reserve deficiency
  - (C) Increased Imports and improvement in balance of payment
  - (D) None of the above
80. "Garampani" wildlife sanctuary is located at :
- (A) Rajasthan
  - (B) Assam
  - (C) Shillong
  - (D) Himachal Pradesh
81. The HCF of two numbers is 12 and their LCM is 144. If one of them is 36, the other is ?
- (A) 36
  - (B) 48
  - (C) 52
  - (D) None of the above
82. What does HTML stand for ?
- (A) High Technology Markup Language
  - (B) Hyper Text Markup Language
  - (C) Hyper Text Machine Language
  - (D) None of the above
83. Which of the following does not change when a Chemical reaction takes place ?
- (A) Volume
  - (B) Mass
  - (C) Physical properties
  - (D) Chemical properties
84. In which century did Ashoka reign ?
- (A) Second century BC
  - (B) Third century BC
  - (C) Second century AD
  - (D) Third century AD

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85. In which state "Gurushikhar Peak" is located ?  
(A) Rajasthan (B) Gujarat (A)  
(C) Madhya Pradesh (D) None of the above
86. The ratio of width of our National flag to its length is :  
(A) 3 : 5 (B) 2 : 3 (D)  
(C) 1 : 3 (D) None of the above
87. If the diameter of a circle is increased by 200%, by what percent will its circumference increase ?  
(A) 100% (B) 200% (C) 50% (D) 150% (F)
88. In India, National Income is estimated by :  
(A) Planning Commission (B) Finance Commission (D)  
(C) Indian Statistical Organisation (D) Central Statistical Organisation
89. Which dynasty ruled over Delhi Sultanate when Timur invaded india ?  
(A) Khilji (B) Tughlaq (B)  
(C) Mughals (D) None of the above
90. Pipe A can fill a tank in 12 minutes, pipe B in 18 minutes and pipe C can empty the full tank in 36 minutes. Find the time taken to fill the tank if all the three pipes are opened simultaneously :  
(A) 8 minutes (B) 9 minutes (C) 10 minutes (D) 12 minutes (B)
91. Heavy Water Project (Talcher) and Fertilizer plant (Paradip) are famous industries of :  
(A) Odisha (B) Andhra Pradesh  
(C) Assam (D) Jharkhand
92. Rabindranath Tagore's 'Jana Gana Mana' has been adopted as India's National Anthem. How many stanzas of the said song were adopted ?  
(A) Only the first stanza (B) First and second stanza (A)  
(C) Third and fourth stanza (D) The whole song

93. Which Vitamin is provided by sunlight to the body ? (D)  
(A) Vitamin A (B) Vitamin B (C) Vitamin C (D) Vitamin D
94. In the Formula  $H = \frac{2ab}{a+b}$ , if  $a=5$  and  $H=8$ , then the value of  $b$  is : (A)  
(A) 20 (B)  $\frac{18}{13}$  (C)  $\frac{1}{20}$  (D)  $\frac{13}{18}$
95. Uber cup is associated with which sports ? (D)  
(A) Football (B) Hockey (C) Snooker (D) Badminton
96. The Bahmani kingdom was founded by :  
(A) Muhammed Shah - I (B) Firoz Shah Bahmani (D)  
(C) Malik Kafur (D) Alauddin Hassan Bahman Shah
97. Bull fighting is the National game of which country ? (B)  
(A) Argentina (B) Spain (C) Italy (D) France
98. The source of River Brahmaputra is in : (A)  
(A) Tibet (B) Nepal (C) Assam (D) None of the above
99. Which of the following term is **not** associated with the game of Lawn-tennis ? (C)  
(A) Smash (B) Slice (C) Bouncer (D) Deuce
100. The book "Unaccustomed Earth" has been written by :  
(A) Salman Rushdie (B) Vikram Seth  
(C) Jhumpa Lahiri (D) Chetan Bhagat

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## RRC Group - D Exam Key (Held on 17.11.2013)

Q.No	Ans	Q.No	Ans	Q.No	Ans	Q.No	Ans	Q.No	Ans
1	C	21	A	41	B	61	D	81	B
2	C	22	A	42	C	62	B	82	B
3	B	23	C	43	A	63	B	83	B
4	D	24	B	44	B	64	C	84	B
5	B	25	A	45	C	65	D	85	A
6	C	26	A	46	B	66	B	86	D
7	C	27	D	47	B	67	D	87	B
8	C	28	A	48	C	68	B	88	D
9	C	29	B	49	A	69	A	89	B
10	A	30	A	50	B	70	C	90	B
11	B	31	C	51	A	71	D	91	A
12	D	32	A	52	B	72	B	92	A
13	C	33	C	53	A	73	D	93	D
14	C	34	B	54	B	74	D	94	A
15	C	35	A	55	C	75	D	95	D
16	D	36	B	56	C	76	C	96	D
17	A	37	B	57	A	77	A	97	B
18	D	38	A	58	C	78	C	98	A
19	B	39	D	59	D	79	B	99	C
20	C	40	B	60	B	80	B	100	C