
RRC BHUBANESHWAR GROUP 'D' EXAM
(Held on 30.09.2007)

1. Recently, the Mittal group acquired the steel company_____.
(1) Arcellor (2) Chorus
(3) Posco (4) Jindal
2. Where is the headquarters of UNESCO located ?
(1) Paris (2) Oslo
(3) Rome (4) Istanbul
3. Which of the following locations is known for missile test?
(1) Chandiput (2) Pokharan
(3) Shri Harikota (4) Sunderban
4. When the rate of interest is decreased to 12.5% p.a. from 13% there is a loss of Rs. 104 in the annual income. What is the principal?
(1) Rs. 20800 (2) Rs. 21200
(3) Rs. 22400 (4) Rs. 23200
5. The Kalinga battle was fought near which of the following places ?
(1) Barabati (2) Balasore
(3) Dhoulia (4) Udaygiri
6. Which least number when added to 2000 makes it exactly divisible by 19?
(1) 7 (2) 11
(3) 14 (4) 17
7. Which kind of energy is there in a stretched rubber band?
(1) Kinetic (2) Magnetic
(3) Potential (4) Constant
8. Which of the following places is known for path figurine painting ?
(1) Painting (2) Raghurajpur
(3) Pipili (4) Jajpur
9. A car covers the $\frac{1}{3}$ rd of its total distance at 60 kmph. next $\frac{1}{3}$ rd at 30kmph and the remaining distance at 10 kmph, then what is the average speed of the whole journey?
(1) 33 kmph (2) 25 kmph
(3) 20 kmph (4) 15 kmph
10. Who is the present captain of Indian National Hockey team?
(1) Dhanraj Pillai (2) Probodh Tirki
(3) Gaganjit Singh (4) Dilip Tirki

11. Who built the famous Jagannath temple ?
(1) Ashoka (2) Kharvel
(3) Jajati Keshari (4) Chola Gangdev
12. What will be the compound interest on a sum of Rs. 6000 for 2 years at the rate of 12% per annum ?
(1) Rs. 1526 (2) Rs. 1772
(3) Rs. 1886 (4) Rs. 2072
13. Indicating towards a picture Rita tells her daughter. 'He is the only son of my mother's mother.' How is Rita related to that man?
(1) Sister (2) Nephew / Niece
(3) Aunt / Maternal mother (4) Mother
14. Hindustan Zinc plant is located at
(1) Engule (2) Udaipur
(3) Kakinanda (4) Vishakhapatnam
15. Which is the longest river of India ?
(1) Godavari (2) Krishna
(3) Sindhu (4) Ganges
16. At which of the following places was located an important village of old Kalinga?
(1) Puri (2) Baripada
(3) Tosali (4) Kyonjhar
17. Who was awarded first with Prime Minister prize for significant work in public administration?
(1) Y.V. Reddy (2) Bimal Jalan
(3) N. Gopalaswamy (4) Rajiv Chawla
18. Which part of the body is affected by Pneumonia ?
(1) Brain (2) Heart
(3) Lungs (4) Kidney
19. The average weight of A,B and C is 70 kg but the average weight of A and B is 90 kg. What is the weight of C?
(1) 30 kg. (2) 35 kg.
(3) 40 kg. (4) 45 kg.
20. Which river originates from Orissa and merges with Godavari?
(1) Brahmani (2) Rushikulya
(3) Nagawali (4) Indravati
21. The Chilka lake is famous for

- (1) White Whale (2) White Shark
(3) White Dolphin (4) White Prawn
22. Light, radiowaves and X-rays are_____ waves.
(1) Electro magnetic (2) Nuclear
(3) Magnetic resonance (4) Seismic
23. Which of the following is a red planet ?
(1) Jupiter (2) Mars
(3) Mercury (4) Sun
24. The ratio of A and B is 5:7. The value of A is 185, then B is equal to.
(1) 129 (2) 239
(3) 259 (4) 379
25. The headquarters of World Health Organization is located at
(1) Geneva (2) Paris
(3) Berlin (4) Washington
26. In Orissa, Mig is built at
(1) Cuttak (2) Sambalpur
(3) Berhampur (4) Sunaveda
27. Which of the following is the first college of Orissa?
(1) Orissa Veterinary College (2) Revanshaw College
(3) Wurla Engineering College (4) Government Arts College
28. Which of the following is a Hockey player?
(1) Dilip Tirki (2) V.V.S. Lakshman
(3) W.Bhutia (4) Pravin Thipse
29. The square root of 24649 is
(1) 127 (2) 137
(3) 157 (4) 247
30. Which of the following is a chief kharif crop in Orissa ?
(1) Jawar (2) Bajara
(3) Rice (4) Wheat
31. Eager : interest : : Sharp : ?
(1) Desire (2) Height
(3) Smile (4) Intelligence
32. The ratio of 50 ml and 2 litres is
(1) 1 : 20 (2) 1 : 25
(3) 1 : 40 (4) 1 : 80

33. Who wrote 'My Experiments with Truth'?
- (1) Jawaharlal Nehru (2) Rabindranath Tagore
(3) M.K. Gandhi (4) Jai Prakash Narayan
34. The deficiency of vitamin 'C' causes
- (1) Paralysis (2) Scurvey
(3) T.B. (4) Jaundice
35. What will come in place of the question mark in the following number series?
16, 21, 7, 13, 18, 6, 19, ?, ?
- (1) 22 and 6 (2) 24 and 8
(3) 22 and 8 (4) 24 and 6
36. If one side of a square is decreased by 5% its area decreases by
- (1) 6.75% (2) 9.75%
(3) 12.50% (4) 25%
37. Which of the following states is the most densely covered by forests ?
- (1) Orissa (2) Madhya Pradesh
(3) Assam (4) Arunachal Pradesh
38. Who among the following was awarded with Nobel Prize in Physics ?
- (1) J.C. Bose (2) Hargobind Khurana
(3) S. Chandra Shekhar (4) Amartya Sen
39. The ' Gateway of India' is situated in
- (1) Delhi (2) Mumbai
(3) Chennai (4) Kolkata
40. Sultan Azlan San Hockey Tournament 2007 was won by
- (1) India (2) Pakistan
(3) South Korea (4) Australia
41. Winter crop season is known in India as
- (1) Rabi (2) Winter
(3) Kharif (4) Poddu
42. $1 + \frac{3}{7}$ of $\frac{49}{10} + \frac{1}{7} - \frac{2}{7} = ?$
- (1) $\frac{1}{5}$ (2) $\frac{1}{2}$
(3) $\frac{1}{3}$ (4) $\frac{1}{21}$

43. Which Indian player has taken the highest number of wickets in Test Cricket ?
(1) B.S. Bedi (2) Kapil Dev
(3) Sri Nath (4) Anil Kumble
44. The population of a city is 70000. it increases at 10% in the first year and at 20% in the following year. What will be the population after 2 years ?
(1) 77000 (2) 84000
(3) 92400 (4) 104000
45. Which river flows in India through Tibbet ?
(1) Ravi (2) Beas
(3) Brahmaputra (4) Ganges
46. The decimal equivalent of 7 gm of a kilogram is
(1) 0.7 (2) 0.07
(3) 0.007 (4) 0.0007
47. Hyderabad was earlier known as
(1) Bhagyanagar (2) Nizamabad
(3) Secunderabad (4) Golconda
48. Kullu Valley is situated in
(1) Punjab (2) Himachal Pradesh
(3) Kashmir (4) Uttarakhand
49. Muchkund power project is situated in the state of
(1) Andhra Pradesh (2) Orissa
(3) Gujarat (4) Karnataka
50. Which mountain range divides India into north and south ?
(1) Nilgiris (2) Satpura
(3) Vidhyas (4) Aravali
51. The telegraphic code was invented by
(1) S.F.B. Morse (2) Arcwright
(3) Thomas Addison (4) G.Marconi
52. In a sum of Rs. 11.70, the coins of one rupee, 50 paise and 5 paise are in the ratio 3: 5 :7. Find the number of 50 paise coins.
(1) 6 (2) 10
(3) 14 (4) 20
53. Which place is famous for Jain caves ?
(1) Eilora (2) Khandgiri
(3) Kapilash (4) Sarnath

54. The first successful synchronous satellite of India is
(1) SLV (2) APPLE
(3) ROHINI (4) INSAT

55. Find the missing number in the following matrix.

2	5	?
10	5	50
5	4	20

- (1) 10 (2) 15
(3) 20 (4) 25
56. Which of the following places is famous for thermal power plant ?
(1) Hirakud (2) Manipal
(3) Polavaram (4) Talcher
57. Indira Gandhi Zoological park is located in
(1) Vishakhapatnam (2) Gyderabad
(3) Puri (4) Bhubaneshwar
58. The universal blood donor is
(1) Group 'A' (2) Group 'B'
(3) Group 'AB' (4) Group 'O'
59. Which state is the biggest producer of cotton ?
(1) Kerala (2) Karnataka
(3) Andhra Pradesh (4) Maharashtra
60. The VIBGYOR spectrum is related to
(1) Light (2) Sound
(3) Motion (4) Energy
61. Who invented telephone ?
(1) Graham Bell (2) K.G. Gillete
(3) Wright brothers (4) E. Torricelli
62. A man sells an article for Rs. 3550 and loses 19%. The cost price of the article is
(1) Rs. 4283 (2) Rs. 4350
(3) Rs. 4383 (4) Rs. 4450
63. The largest number which divides 411.752 and 1031 leaving remainder 8 in each case, is
(1) 8 (2) 11
(3) 21 (4) 31
64. The pilotless aircraft developed by DRDO which is targeted, is

- (1) Tejas (2) Vijay
(3) Lakshya (4) Varun
65. The first Indian woman justice of Supreme Court of India is
(1) Kiran Bedi (2) Brinda Karat
(3) Fatima Bibi (4) Mohini Giri
66. The instrument used to measure the intensity of earthquake is
(1) Dynamometer (2) Seismograph
(3) Fathometer (4) Magnetometer
67. The LCM of $\frac{2}{3}, \frac{4}{9}, \frac{5}{6},$ and $\frac{7}{12}$ is
(1) $\frac{1}{18}$ (2) $\frac{1}{36}$
(3) $\frac{35}{9}$ (4) $\frac{140}{3}$
68. The first train in India was inaugurated in
(1) 1753 (2) 1784
(3) 1853 (4) 1857
69. The calculating machine was invented by
(1) Pascal (2) Bill Gates
(3) Issac Newton (4) Goodyear
70. A man travels for 4 hours. The half of the journey is covered by bus at 40 kmph and the remaining at 30 kmph by scooter. What distance did he cover?
(1) 17.5 km (2) 37.14 km
(3) 137.14 km (4) 117.5 km
71. Who is the chairman of National Human Rights Commission in India?
(1) S.Rajendra Babu (2) V.N. Kaul
(3) U.S. Mishra (4) R.C. Lahouti
72. The urban population is most in
(1) Tamil Nadu (2) West Bengal
(3) Karnataka (4) Maharashtra
73. Who wrote 'Abhigyan Shakuntalam' ?
(1) Charak (2) Harisen
(3) Bann Bhatta (4) Kalidas
74. A man buys 8 mangoes for Rs. 9 and sells them at 9 mangoes for Rs. 8. his gain or loss per cent is
(1) 10.18% loss (2) 10.18% gain

- (3) 20.98% loss (4) 20.98% gain
75. Which is understood best for conducting electricity?
(1) Radiators (2) Conductors
(3) Vectors (4) Regulators
76. The other name of evergreen forests is
(1) Deciduous forests (2) Tropical forests
(3) Alpine forests (4) None of these
77. 7, 8, 10, 13, 17, ?
(1) 18 (2) 20
(3) 22 (4) 24
78. Lignite is found in abundance in
(1) Orissa (2) Andhra Pradesh
(3) Tamil Nadu (4) Karnataka
79. The western seacoast in India is known as
(1) Coromandal (2) Malabar
(3) Palk Strait (4) Konkan
80. The river called China's sorrow is
(1) Yang te (2) Hwang Ho
(3) Three Gorges (4) Shinago
81. Fraction $\frac{3}{2}$ is equivalent to what per cent?
(1) 55% (2) 75%
(3) 150% (4) 175%
82. On January 26, 1950, India became
(1) Independent (2) Democratic
(3) Republic (4) Non-aligned
83. A car moves at 120 kmph, the distance covered by it in 15 minutes, is
(1) 20 km (2) 30 km
(3) 40 km (4) 50 km
84. Who invented the cholera vaccine?
(1) Joseph Lister (2) Louis Pasteur
(3) Edward Jenner (4) Roger Beacon
85. The smallest fraction in the following is
(1) $\frac{7}{9}$ (2) $\frac{5}{9}$

- (3) $\frac{8}{9}$ (4) $\frac{5}{7}$

86. The two nuclear explosions took place in
(1) Kutch (2) Andaman
(3) Pokharan (4) Sunderban
87. In a group, the grandfather and his wife, father, mother, their three sons and their wives and two daughters of each son are included. The number of women in the group is
(1) 11 (2) 13
(3) 15 (4) 17
88. A cricketer scored at an average of 52 runs in 8 matches. The average of first 5 matches was 50, the average of the last 3 matches is
(1) 51.5 (2) 52.3
(3) 53.5 (4) 55.3
89. The missile fired from ground to air is
(1) Agni (2) Trishul
(3) Naag (4) Prithvi
90. The Railway Coach factory is situated in
(1) Varanast (2) Kapurthala
(3) Chittaranjan (4) Berambur
91. If a bus covers 135 km in 3 hours. The time taken to cover 200 km at the same speed is
(1) 3.22 hrs (2) 3.44 hrs
(3) 4.22 hrs (4) 4.44 hrs
92. The vegetation has life. Who researched on it?
(1) Hargobind Khurana (2) Hippocrates
(3) Edward Jenner (4) J.C. Bose
93. Which is an ice fed river?
(1) Ganges (2) Mahanadi
(3) Tapti (4) Godavari
94. The largest among the following
(1) $\frac{7}{19}$ (2) $\frac{12}{16}$
(3) $\frac{11}{17}$ (4) $\frac{13}{18}$
95. The Runn of Kutch is known for

- (1) Lion (2) Tigers
(3) Herbivores (4) Wild ass
96. The first commercial noncivilian aircraft is
(1) Tejas (2) Saras
(3) Indian (4) Volan
97. For contribution in the field of trade. Padma Bhushan, 2007 was awarded to
(1) LN Mittal (2) S.B. Mittal
(3) Ratan Tata (4) Azim Premji
98. The HCF of $\frac{12}{10}$, $\frac{9}{8}$ and $\frac{84}{64}$ is
(1) $\frac{1}{82}$ (2) $\frac{3}{80}$
(3) $\frac{3}{320}$ (4) $\frac{4}{82}$
99. The first Indian to get Nobel Prize is
(1) Rabindra Nath Tagore (2) C.V. Raman
(3) J.C. Bose (4) Subhash Chandra Bose
100. Which latest satellite of INSAT series was launched in 2007?
(1) INSAT – 2B (2) INSAT-2C
(3) INSAT-3D (4) INSAT-4B
101. If difference between the ages of X and Y is 12 years and the ratio of their ages is 3 : 7, they what is the age of Y ?
(1) 4 years (2) 7 years
(3) 11 years (4) 21 years
102. $6.7 + 9(8 - (2.6 + 1.5) + 12) = ?$
(1) 13.6 (2) 31.6
(3) 143.1 (4) 149.8
103. The highest prize in literature of Indian government is
(1) Literature Prize (2) Lalit Kala Puraskar
(3) Dada Saheb Phalke Puraskar (4) Jnanpith Puraskar
104. The area of a circle whose radius is 3.5 cm. is
(1) 12.5 cm^2 (2) 22.5 cm^2
(2) 28.5 cm^2 (4) 38.5 cm^2
105. A sum of Rs. 6300 was lent at 5% rate of interest for 9 years. The simple interest will be
(1) Rs. 1840 (2) Rs. 1942

- (3) Rs. 2742 (4) Rs. 2835
106. In the following the Belghar wild- life sanctuary is known for
(1) Crocodile (2) Elephants
(3) Tigers (4) None of these
107. International Gandhi Prize 2006 was given to
(1) Kofi Annan (2) Desmond Tutu
(3) Yohi Sasakava (4) Sunderial Bahuguna
108. The player of tournament of World Cup Cricket 2007 was
(1) Graeme Smith (2) Muttaih Muralitharan
(3) Rahul Dravid (4) Geln McGrath
109. If the compound interest on a certain sum for 2 years at the rate of 10% p.a. is Rs. 630, the sum is
(1) Rs. 1000 (2) Rs. 2000
(3) Rs. 3000 (4) Rs. 4000
110. The largest gland in human body to secrete bile is
(1) Gall bladder (2) Liver
(3) Skin (4) Pancreas
111. The deepest lake of Asia is
(1) Rengali (2) Pulicut
(3) Chilka (4) Baikal
112. Chalk : Lime :: Coal : ?
(1) Carbon (2) Fire
(3) Oven (4) Chimney
113. Oriss is a chief producer of
(1) Wheat (2) Cotton
(3) Pulse (4) Jute
114. Which of the following is known for Bali journey?
(1) Cuttak (2) Paradip
(3) Gopalpur (4) Jajpur
115. In how many years will the simple interest on Rs. 6900 at the rate of 4% per annum be Rs. 2484?
(1) 4 years (2) 7 years
(3) 9 years (4) 12 years
116. In Forbes list, the richest man in the world is
(1) L.N. Mittal (2) Bill Gates

- (3) Queen Elizabeth (4) George Bush
117. Jayadev belonged to
(1) Kakinada (2) Machhalipatnam
(3) Vijaywada (4) Puri
118. The study of heredity is called
(1) Anatomy (2) Cytology
(3) Psychology (4) Genetics
119. The last matches of Afro- Asian cricket championship were held in
(1) India (2) Pakistan
(3) South Africa (4) Kenya
120. Who is the first Indian spaceman?
(1) Homi Bhabha (2) Rakesh Sharma
(3) Kalpana Chawla (4) Sunita Williams
121. Which city hosted the Arab league conference?
(1) Dubai (2) Muscat
(3) Riyadh (4) Doha
122. If STORMY is coded as QVMTKA, then WINTER will be coded as
(1) UGLRCO (2) UKLVCT
(3) XKNVDT (4) XKLCVO
123. Barabat fort is situated at
(1) Cuttak (2) Khurda
(3) Warangal (4) Ahmedabad
124. The Commonwealth Games- 2010 will be held in
(1) Colombo (2) Canberra
(3) New Delhi (4) Dhaka
125. The dimensions of a rectangular hall are 5m x 4m x 3m. A window occupies an area of $4m^2$. Without window the area of walls is
(1) $50m^2$ (2) $54m^2$
(3) $56m^2$ (4) $60m^2$
126. The nature of carbon dioxide is
(1) Inflammable (2) Smellless
(3) Yellowish (4) Sour
127. The largest store of bauxite has been found in the district of
(1) Nellore (2) Engule
(3) Vishakhapatnam (4) Tulcher

128. X starts for his office and walks 500m straight and turns left and walks 300m. he again turns left and walks 500m. he then turns right to walk 900m. How far is he from his office?
- (1) 1000 m (2) 1000 m
(3) 1200 m (4) 1300 m
129. Which of the following is a non-metallic element?
- (1) Mercury (2) Manganese
(3) Carbon (4) Gold
130. In respect of territorial area, the state of Andhra Pradesh is placed at
- (1) Third (2) Fourth
(3) Fifth (4) Sixth
131. The recently discovered earthlike planet has been named _____ by the European scientists.
- (1) NW 581C (2) EU 581C
(3) PL 581C (4) GL 581C
132. Karnam Malleswari is related to
- (1) Weightlifting (2) Wrestling
(3) Shotput (4) Long jump
133. 300 men can do a work in 16 days. To do $\frac{1}{4}$ of the work in 15 days the number of men required is
- (1) 80 (2) 75
(3) 60 (4) 45
134. The south- west monsoon starts during
- (1) May- June (2) June- July
(3) July – August (4) August- September
135. The chairman of the Planning Commission in India is
- (1) Dr. Manmohan Singh (2) Arjun Singh
(3) P. Chidambaram (4) Pranab Mukherjee
136. Salarjung museum is located in
- (1) Hyderabad (2) Delhi
(3) Kolkata (4) Ahmedabad
137. The chief foodgrain crop of Andhra Pradesh is
- (1) Ragi (2) Jowar
(3) Wheat (4) Rice
138. If DEADLY is coded as GHGGOB, then MOTIVE will be coded as

- (1) OQVKXG (2) NPUJWF
(3) PRWLYH (4) QSXMZI
139. If $A : B = 2 : 1$ and $B : C = 6 : 5$, then $A : B : C = ?$
(1) $2 : 6 : 5$ (2) $2 : 7 : 5$
(3) $4 : 10 : 7$ (4) $12 : 6 : 5$
140. The state with lowest area is
(1) Lakshadwip (2) Pudicherry
(3) Goa (4) Delhi
141. 47 kmph is equivalent to
(1) 10.03 m/s (2) 11.04 m/s
(3) 13.05 m/s (4) 14.06 m/s
142. Rocket is launched from
(1) Balasore (2) Sri Harikota
(3) Trombay (4) Siachen
143. Who is the President of Afghanistan?
(1) Pervez Musharraf (2) Hamid Karzai
(3) M. Ahmedinejad (4) M. Abbaas
144. The first novelist of Orissa is
(1) Faqir Mohan Senapati (2) Gopinath Mohanty
(3) Anant Patnaik (4) Manoj Das
145. A trader marks his goods at 20% higher than the cost price and then allows a discount of 10%. His gain per cent is
(1) 8% (2) 10%
(3) 12% (4) 14%
146. The outermost layer of earth's atmosphere is
(1) Troposphere (2) Lithosphere
(3) Mesosphere (4) Ionosphere
147. X, Y and Z can complete a work in 7, 14 and 28 days respectively. They together can complete the work in
(1) 4 days (2) 8 days
(3) 12 days (4) 16 days
148. A 140m long train is moving at 70 kmph. It will cross a man running at 4 kmph in the same direction of train in
(1) 4.63 seconds (2) 5.63 seconds
(3) 6.63 seconds (4) 7.63 seconds

149. 25m is what per cent of 7.5 km?

- | | |
|-----------|-----------|
| (1) 33% | (2) 3.3% |
| (3) 0.33% | (4) 0.03% |

150. A tap can fill a tank in 8 minutes and an other tap can empty the tank in 16 minutes. If both the taps are opened together, the tank will be filled in

- | | |
|----------------|----------------|
| (1) 8 minutes | (2) 16 minutes |
| (3) 20 minutes | (4) 24 minutes |

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ANSWER KEYS

1. (1)	31. (4)	61. (1)	91. (4)	121. (3)
2. (1)	32. (3)	62. (3)	92. (4)	122. (2)
3. (1)	33. (3)	63. (4)	93. (1)	123. (1)
4. (1)	34. (2)	64. (3)	94. (2)	124. (3)
5. (3)	35. (2)	65. (3)	95. (4)	125. (1)
6. (3)	36. (2)	66. (2)	96. (1)	126. (4)
7. (3)	37. (4)	67. (4)	97. (2)	127. (1)
8. (4)	38. (3)	68. (3)	98. (3)	128. (3)
9. (3)	39. (2)	69. (1)	99. (1)	129. (3)
10. (4)	40. (4)	70. (3)	100. (4)	130. (3)
11. (4)	41. (1)	71. (1)	101. (4)	131. (4)
12. (1)	42. (3)	72. (4)	102. (4)	132. (1)
13. (2)	43. (4)	73. (4)	103. (4)	133. (1)
14. (2)	44. (3)	74. (3)	104. (4)	134. (1)
15. (3)	45. (3)	75. (2)	105. (4)	135. (1)
16. (3)	46. (3)	76. (2)	106. (2)	136. (1)
17. (3)	47. (1)	77. (3)	107. (3)	137. (4)
18. (3)	48. (2)	78. (3)	108. (4)	138. (3)
19. (1)	49. (2)	79. (4)	109. (3)	139. (4)
20. (4)	50. (3)	80. (2)	110. (2)	140. (1)
21. (4)	51. (1)	81. (3)	111. (4)	141. (3)
22. (1)	52. (2)	82. (3)	112. (1)	142. (2)
23. (2)	53. (2)	83. (2)	113. (4)	143. (2)
24. (3)	54. (2)	84. (3)	114. (4)	144. (2)
25. (1)	55. (1)	85. (2)	115. (3)	145. (1)
26. (4)	56. (4)	86. (3)	116. (2)	146. (4)
27. (2)	57. (4)	87. (1)	117. (4)	147. (1)
28. (1)	58. (4)	88. (4)	118. (4)	148. (4)
29. (3)	59. (4)	89. (2)	119. (4)	149. (3)
30. (3)	60. (1)	90. (4)	120. (2)	150. (1)