

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

1. What is the primary focus of Gond art?

- (a) Religious themes
- (b) Nature and animals
- (c) Geometric patterns
- (d) Historical events

Ans: (b) Nature and animals

2. Which tribe is known for Pithora paintings?

- (a) Rathwas
- (b) Warlis
- (c) Gonds
- (d) Bhilalas

Ans: (a) Rathwas

3. Where are Madhubani paintings predominantly practiced?

- (a) Odisha
- (b) Maharashtra
- (c) Bihar
- (d) Gujarat

Ans: (c) Bihar

4. Pattachitra paintings are traditionally associated with which state?

- (a) Maharashtra
- (b) Odisha
- (c) Madhya Pradesh
- (d) Bihar

Ans: (b) Odisha

5. Which material is NOT used in Warli painting?

- (a) Rice paste
- (b) Gum
- (c) Water
- (d) Natural dyes

Ans: (d) Natural dyes

6. What is the main characteristic of Madhubani paintings?

- (a) Use of natural dyes
- (b) Geometric patterns
- (c) Depiction of deities
- (d) Abstract art

Ans: (b) Geometric patterns

7. Which tribe traditionally paints on mud walls of their houses?

Gonds

- (b) Rathwas
- (c) Warlis
- (d) Bhilalas

Ans: (a) Gonds

8. Which of the following is a distinctive style of Madhubani painting?

- (a) Kohbar
- (b) Godna
- (c) Pithora
- (d) Samaveda

Ans: (a) Kohbar

9. The main purpose of Pithora paintings is to:

- (a) Create decorative art
- (b) Bring prosperity and happiness
- (c) Depict historical events
- (d) Illustrate religious stories

Ans: (b) Bring prosperity and happiness

10. Which Veda is known as the Veda of melodies and chants?

- (a) Rigveda
- (b) Yajurveda
- (c) Samaveda
- (d) Atharvaveda

Ans: (c) Samaveda

11. The Samaveda is considered the root of:

- (a) Indian classical music
- (b) Indian dance
- (c) Hindu mythology
- (d) Ritualistic practices

Ans: (a) Indian classical music

12. Which two Upanishads are embedded in the Samaveda?

- (a) Chandogya and Brihadaranyaka
- (b) Kena and Isha
- (c) Katha and Taittiriya
- (d) Mundaka and Mandukya

Ans: (b) Kena and Isha

13. The Yajurveda is categorized into which two types?

- (a) White and Black

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (b) Old and New  
(c) Long and Short  
(d) Clear and Unclear  
Ans: (a) White and Black
14. Which layer of Yajurveda includes the Satapatha Brahmana?  
(a) Oldest layer  
(b) Middle layer  
(c) Youngest layer  
(d) None of the above  
Ans: (b) Middle layer
15. The Atharvaveda is known for containing:  
(a) Ritualistic hymns  
(b) Magical formulas  
(c) Musical chants  
(d) Philosophical discourse  
Ans: (b) Magical formulas
16. Which Veda includes the Upanishads Mundaka, Mandukya, and Prashna?  
(a) Samaveda  
(b) Yajurveda  
(c) Atharvaveda  
(d) Rigveda  
Ans: (c) Atharvaveda
17. Which recension of Yajurveda is considered 'Shukla'?  
(a) Krishna  
(b) White  
(c) Black  
(d) Ancient  
Ans: (b) White
18. The Samaveda Samhita is intended to be:  
(a) Read as a text  
(b) Heard like a musical score  
(c) Recited as a hymn  
(d) Memorized as a chant  
Ans: (b) Heard like a musical score
19. Which Veda is described as a Veda of magical formulas?  
(a) Samaveda  
(b) Yajurveda  
(c) Rigveda

- (d)  
Atharvaveda  
Ans: (d) Atharvaveda
20. Which painting style is NOT traditionally associated with the Northern Sahyadri region?  
(a) Warli  
(b) Madhubani  
(c) Gond  
(d) Pithora  
Ans: (b) Madhubani
21. Which Veda has two embedded Upanishads: Chandogya and Kena?  
(a) Rigveda  
(b) Samaveda  
(c) Yajurveda  
(d) Atharvaveda  
Ans: (b) Samaveda
22. Which type of paint is NOT used in Madhubani paintings?  
(a) Natural dyes  
(b) Rice paste  
(c) Bright colours  
(d) Geometric patterns  
Ans: (b) Rice paste
23. Pattachitra paintings are primarily characterized by:  
(a) Abstract themes  
(b) Geometric patterns  
(c) Hindu mythology and folklore  
(d) Modern themes  
Ans: (c) Hindu mythology and folklore
24. Which Veda's hymns are unique, with few exceptions from Rigveda?  
(a) Samaveda  
(b) Yajurveda  
(c) Rigveda  
(d) Atharvaveda  
Ans: (d) Atharvaveda
25. Which layer of the Yajurveda is described as having clear and arranged verses?  
(a) Krishna  
(b) Shukla

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (c) Oldest  
(d) Youngest  
Ans: (b) Shukla
26. Warli paintings are created using which of the following tools?  
(a) Brush  
(b) Bamboo stick  
(c) Nib  
(d) Matchsticks  
Ans: (b) Bamboo stick
27. Which Veda has the largest number of verses borrowed from Rigveda?  
(a) Atharvaveda  
(b) Yajurveda  
(c) Samaveda  
(d) Rigveda  
Ans: (c) Samaveda
28. Gond art is primarily associated with which part of India?  
(a) Northern India  
(b) Southern India  
(c) Central India  
(d) Eastern India  
Ans: (c) Central India
29. In which Veda are the hymns meant to be pronounced by a sorcerer or seeker?  
(a) Rigveda  
(b) Samaveda  
(c) Yajurveda  
(d) Atharvaveda  
Ans: (d) Atharvaveda
30. The Rigveda primarily consists of:  
(a) Hymns and chants  
(b) Ritualistic procedures  
(c) Philosophical teachings  
(d) Magical spells  
Ans: (a) Hymns and chants
31. Which institution released the publication titled '75 Endemic Birds of India'?  
(a) NITI Aayog  
(b) Zoological Survey of India  
(c) UNEP

- (d)  
Ministry of Environment, Forest and Climate Change  
Ans. (b) Zoological Survey of India
32. According to the Elephant Census-2023, which state leads the country in the total number of elephants?  
(a) Karnataka  
(b) Tamil Nadu  
(c) Kerala  
(d) West Bengal  
Ans. (a) Karnataka
33. The National Green Tribunal (NGT) ordered a ban on cruise ships operating on water bodies of which state?  
(a) Odisha  
(b) Madhya Pradesh  
(c) Gujarat  
(d) Rajasthan  
Ans. (b) Madhya Pradesh
34. A recent CAG report has filed mismanagement affecting wildlife and forests in which state?  
(a) Arunachal Pradesh  
(b) Sikkim  
(c) Gujarat  
(d) Maharashtra  
Ans. (c) Gujarat
35. As per a recent study, which species produces food grains as much as 140 million tonnes of food annually?  
(a) Earthworms  
(b) Bullocks  
(c) Fish  
(d) Ants  
Ans. (a) Earthworms
36. Which state has the highest population of Snow Leopard Count in India?  
(a) Assam  
(b) Himachal Pradesh  
(c) Uttarakhand  
(d) Sikkim  
Ans. (b) Himachal Pradesh

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

37. The Hostile Activity Watch Kernel (HAWK) system is associated with which state?

- (a) Kerala
- (b) Karnataka
- (c) Andhra Pradesh
- (d) Uttarakhand

Ans. (b) Karnataka

38. Mhadei Wildlife Sanctuary (WLS) is located in which state?

- (a) Odisha
- (b) Bihar
- (c) Sikkim
- (d) Goa

Ans. (d) Goa

39. Cnemaspis rashidi is the name of which new species discovered in the Western Ghats recently?

- (a) Spider
- (b) Turtle
- (c) Gecko
- (d) Butterfly

Ans. (c) Gecko

40. Which term refers to the warming of the ocean surface in the central and eastern tropical Pacific Ocean?

- (a) El Nino
- (b) La Nina
- (c) Continental pattern
- (d) Monsoon pattern

Ans. (a) El Nino

41. Which study revealed that 84% of districts in India are experiencing severe heatwaves?

- (a) Managing Monsoons in a Warming Climate
- (b) Climate Crisis and India
- (c) India's Heatwave Analysis
- (d) Extreme Weather Patterns in India

Ans. (a) Managing Monsoons in a Warming Climate

42. Which region in India is NOT mentioned as being affected by extreme weather in the recent study?

- (a) Coastal Areas

Plains

- (c) Desert Areas
- (d) Hilly Areas

Ans. (c) Desert Areas

43. What was the key focus of the 'Heat Risk Observatory'?

- (a) Monitoring floods
- (b) Predicting heatwaves
- (c) Tracking hurricanes
- (d) Analyzing rainfall patterns

Ans. (b) Predicting heatwaves

44. Which system in Karnataka focuses on wildlife crime management?

- (a) HAWK
- (b) EAGLE
- (c) OWL
- (d) FALCON

Ans. (a) HAWK

45. What environmental issue was a major reason for the NGT ban on cruise ships in Madhya Pradesh?

- (a) Air pollution
- (b) Noise pollution
- (c) Overfishing
- (d) Land encroachment

Ans. (b) Noise pollution

46. How many bird species are found in India, according to the Zoological Survey of India?

- (a) 1,000
- (b) 1,253
- (c) 1,353
- (d) 1,453

Ans. (c) 1,353

47. What percentage of bird species in India are endemic according to the recent publication by ZSI?

- (a) 3%
- (b) 5%
- (c) 7%
- (d) 9%

Ans. (b) 5%

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

48. Which state's elephant population nearly reduced by half according to the Elephant Census-2023?

- (a) Karnataka
- (b) Tamil Nadu
- (c) Kerala
- (d) Assam

Ans. (c) Kerala

49. Which Indian state is home to the highest density of snow leopards?

- (a) Jammu and Kashmir
- (b) Uttarakhand
- (c) Himachal Pradesh
- (d) Sikkim

Ans. (c) Himachal Pradesh

50. Which body is responsible for auditing Waqf properties according to the Waqf (Amendment) Bill, 2024?

- (a) State Government
- (b) Central Government
- (c) CAG
- (d) Waqf Board

Ans. (c) CAG

51. What species was named after Prof. Rashid Sayyed in the Western Ghats discovery?

- (a) A spider
- (b) A turtle
- (c) A gecko
- (d) A butterfly

Ans. (c) A gecko

52. Which of the following is NOT affected by the extreme weather patterns according to the study?

- (a) Gujarat
- (b) Kerala
- (c) Uttar Pradesh
- (d) Bihar

Ans. (b) Kerala

53. What is a key characteristic of El Niño events?

- (a) Warming of ocean surface
- (b) Cooling of ocean surface
- (c) Increased monsoon

Drier winters

Ans. (a) Warming of ocean surface

54. What new finding about earthworms was highlighted in a recent study?

- (a) Earthworms contribute significantly to global food production
- (b) Earthworms are the main cause of soil degradation
- (c) Earthworms are endangered in many regions
- (d) Earthworms have medicinal properties

Ans. (a) Earthworms contribute significantly to global food production

55. Which report raised concerns over wildlife mismanagement in Gujarat?

- (a) CAG Report
- (b) NGT Report
- (c) UNEP Report
- (d) WWF Report

Ans. (a) CAG Report

56. What action did the Goa Bench of the Bombay High Court order concerning the Mhadei Wildlife Sanctuary?

- (a) Declaring it a tiger reserve
- (b) Banning tourism
- (c) Expanding its area
- (d) Removing it from the sanctuary list

Ans. (a) Declaring it a tiger reserve

57. Which statement is true about black carbon?

- (a) Produced naturally and by human activities
- (b) Major contributor to climate change
- (c) Particles strongly absorb sunlight
- (d) Technologies to reduce emissions are not available

Ans. (a) Produced naturally and by human activities

58. The concept of the Kyoto protocol was created in which summit?

- (a) Kyoto protocol
- (b) Montreal protocol
- (c) Basel convention

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (d) Ramsar convention  
Ans. (a) Kyoto protocol
59. The Cartagena protocol is related to?  
(a) Bio-safety  
(b) Trans-boundary movement of hazardous wastes  
(c) Climate change  
(d) Ozone depletion  
Ans. (a) Bio-safety
60. Which of the following is not correctly matched?  
(a) Ponzan summit: 2008  
(b) Bali summit: 2002  
(c) Earth Summit: 1992  
(d) Montreal Protocol: 1987  
Ans. (b) Bali summit: 2002
61. The Charter Act of 1813 was primarily enacted to:  
(a) Extend the rule of the East India Company in India  
(b) End the British trade monopoly in India completely  
(c) Grant independence to Indian territories  
(d) Establish complete British sovereignty over India  
Ans: (a) Extend the rule of the East India Company in India
62. Which of the following was not a monopoly retained by the East India Company after the enactment of the Charter Act of 1813?  
(a) Trade with China  
(b) Tea trade  
(c) Trade with Europe  
(d) Opium trade  
Ans: (c) Trade with Europe
63. The Charter Act of 1813 allowed British missionaries to:  
(a) Trade in Indian territories  
(b) Engage in religious proselytization in India  
(c) Govern Indian provinces  
(d) Establish schools exclusively for Europeans

- Ans:
- (b) Engage in religious proselytization in India
64. Which of the following statements is true regarding the Charter Act of 1813?  
(a) It imposed a total ban on Indian literature and scientific studies  
(b) It provided financial grants for the promotion of Indian literature and science  
(c) It restricted education in India to only Europeans  
(d) It reduced the powers of the local Indian courts over Europeans  
Ans: (b) It provided financial grants for the promotion of Indian literature and science
65. What was the fixed dividend percentage for the East India Company as per the Charter Act of 1813?  
(a) 8.5%  
(b) 9.5%  
(c) 10.5%  
(d) 11.5%  
Ans: (c) 10.5%
66. Under the Charter Act of 1813, the East India Company's rule was extended by:  
(a) 10 years  
(b) 15 years  
(c) 20 years  
(d) 25 years  
Ans: (c) 20 years
67. The Charter Act of 1813 gave more powers to which courts over European British subjects?  
(a) Indian local courts  
(b) British High Court  
(c) French courts in India  
(d) Supreme Court in Calcutta  
Ans: (a) Indian local courts
68. The Charter Act of 1813 was repealed by which subsequent act?  
(a) Government of India Act, 1858  
(b) Indian Independence Act, 1947  
(c) Government of India Act, 1915



## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (d) Regulating Act, 1773  
Ans: (c) Government of India Act, 1915
69. Which of the following was one of the main reasons behind the enactment of the Charter Act of 1813?  
(a) The decline of the Mughal Empire  
(b) The Continental System in Europe by Napoleon Bonaparte  
(c) The First Anglo-Maratha War  
(d) The demand for Indian independence  
Ans: (b) The Continental System in Europe by Napoleon Bonaparte
70. The Charter Act of 1813 made provisions for the appointment of which religious figure in India?  
(a) Archbishop  
(b) Bishop  
(c) Cardinal  
(d) Imam  
Ans: (b) Bishop
71. Who established the Calcutta Madrasa in 1781 for the teaching of Muslim law?  
(a) Warren Hastings  
(b) Jonathan Duncan  
(c) Lord Dalhousie  
(d) Sir Charles Wood  
Ans: (a) Warren Hastings
72. Which of the following was the first step towards making education a government objective in India?  
(a) Wood's Despatch  
(b) Charter Act of 1813  
(c) Macaulay's Minutes  
(d) Hunter Commission  
Ans: (b) Charter Act of 1813
73. Who is associated with the establishment of a Sanskrit College in Varanasi in 1791?  
(a) William Carey  
(b) Warren Hastings  
(c) Jonathan Duncan  
(d) Charles Wood  
Ans: (c) Jonathan Duncan

74. What was the main reason for the British to promote education in India?  
(a) To educate Indians for clerical jobs  
(b) To spread Western culture and values  
(c) To introduce scientific education  
(d) To promote religious harmony  
Ans: (a) To educate Indians for clerical jobs
75. Who among the following was an ardent supporter of English education and proposed the 'infiltration theory'?  
(a) James Prinsep  
(b) Thomas Babington Macaulay  
(c) Warren Hastings  
(d) Henry Thomas Colebrooke  
Ans: (b) Thomas Babington Macaulay
76. The Elphinstone College in Bombay and the Calcutta Medical College were established in which year?  
(a) 1791  
(b) 1835  
(c) 1854  
(d) 1882  
Ans: (b) 1835
77. Which document is known as the 'Magna Carta of English education in India'?  
(a) Charter Act of 1813  
(b) Macaulay's Minutes  
(c) Wood's Despatch  
(d) Hunter Commission Report  
Ans: (c) Wood's Despatch
78. The Wood's Despatch of 1854 emphasized the education of which of the following groups?  
(a) Indian women  
(b) British settlers  
(c) Indian farmers  
(d) Indian merchants  
Ans: (a) Indian women
79. Which universities were established as a result of Wood's Despatch by 1857?  
(a) Universities of Madras, Calcutta, and Bombay  
(b) University of Punjab and University of

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- Allahabad  
(c) Delhi University and Banaras Hindu University  
(d) Aligarh Muslim University and Osmania University  
Ans. (a) Universities of Madras, Calcutta, and Bombay
80. In 1921, what was the approximate illiteracy rate in British India?  
(a) 92%  
(b) 80%  
(c) 70%  
(d) 50%  
Ans. (a) 92%
81. Which of the following was a key feature of the Charter Act of 1833?  
(a) The company's commercial activities were expanded.  
(b) The company's commercial activities were closed down.  
(c) The company was allowed to trade freely with China.  
(d) The company was granted new trading rights in India.  
Ans: (b) The company's commercial activities were closed down.
82. Who was the first Governor-General of India as per the Charter Act of 1833?  
(a) Lord Wellesley  
(b) Lord Dalhousie  
(c) Lord William Bentinck  
(d) Lord Cornwallis  
Ans: (c) Lord William Bentinck
83. Which act legalised the British colonisation of India?  
(a) Regulating Act of 1773  
(b) Pitt's India Act of 1784  
(c) Charter Act of 1813  
(d) Charter Act of 1833  
Ans: (d) Charter Act of 1833
84. The Charter Act of 1833 provided for which of the following regarding the Governor-General's powers?  
(a) Legislative powers were limited to Bengal.  
(b) Legislative powers were extended over entire British India.  
(c) Governor-General had no legislative powers.  
(d) Legislative powers were extended over only Madras and Bombay.  
Ans: (b) Legislative powers were extended over entire British India.
85. Which of the following statements is true about the Indian Law Commission established by the Charter Act of 1833?  
(a) It sought to codify all British law.  
(b) It sought to codify all Indian law.  
(c) It sought to codify all European law.  
(d) It sought to codify only religious law.  
Ans: (b) It sought to codify all Indian law.
86. According to the Charter Act of 1833, who could be employed in government service?  
(a) Only British citizens  
(b) Only members of the East India Company  
(c) Indians, based on merit  
(d) Indians, based on their caste  
Ans: (c) Indians, based on merit
87. What was one of the significant outcomes of the Charter Act of 1833 regarding the Presidency of Bengal?  
(a) Bengal was divided into Agra and Fort William presidencies.  
(b) Bengal was unified with Madras.  
(c) Bengal remained undivided as the division was never implemented.  
(d) Bengal was made a separate entity from British India.  
Ans: (c) Bengal remained undivided as the division was never implemented.
88. How did the Charter Act of 1833 address the issue of slavery in India?  
(a) It ignored the issue of slavery.  
(b) It encouraged slavery.  
(c) It provided for the mitigation of slavery.



## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (d) It abolished slavery immediately in India.  
Ans: (c) It provided for the mitigation of slavery.
89. How did the Charter Act of 1833 impact the governance structure in India?  
(a) It decentralized the administration.  
(b) It unified the country's administration under one control.  
(c) It split the administration between British and Indian leaders.  
(d) It granted full autonomy to Indian princely states.  
Ans: (b) It unified the country's administration under one control.

90. What change did the Charter Act of 1833 bring about concerning the religious establishment in India?  
(a) It restricted the number of Bishops to one in India.  
(b) It prohibited the establishment of Christian institutions.  
(c) It allowed for the establishment of three Bishops in India.  
(d) It mandated the closure of Christian institutions in India.  
Ans: (c) It allowed for the establishment of three Bishops in India.

91. ସେ ତ \_\_\_ ଅନର୍ଥ ସୂଚି କରୁଛି ତାକୁ କଣ ଜାଣି ନାହିଁ  
(a) ହୁଙ୍କାପିଟା  
(b) ଅତି ଦୁଷ୍ଟ  
(c) ଦୁଷ୍ଟ  
(d) ମହା ଦୁଷ୍ଟ  
Ans: ହୁଙ୍କାପିଟା

92. ଗୋବର ଗଣେଶ - ରୁଦ୍ଧି ଚିର ଅର୍ଥ କ'ଣ?  
(a) ମୁଲ୍ୟହୀନ  
(b) କଥା କଷ୍ଟସାଧ୍ୟ  
(c) ବୁଝା ସ୍ୱପ୍ନ  
(d) ନିର୍ବୋଧ  
Ans: ନିର୍ବୋଧ

93. ଜପାମାଳି - ରୁଦ୍ଧି ଚିର ଅର୍ଥ କ'ଣ?  
(a) ନିର୍ବୋଧ  
(b) ମଫସଲିଆ  
(c) ସୁନ୍ଦର

ଅତିପ୍ରିୟ

Ans: ଅତିପ୍ରିୟ

94. ପ୍ରକୃତ କଥା ନ ଜାଣି \_\_\_ କରି କହୁଛ କାହିଁକି?  
(a) ଠାପୁକୁମାରି  
(b) ଅନବାଦ କରି  
(c) ଅନୁମାନ କରି  
(d) ନ ଦେଖି  
Ans: ଠାପୁକୁମାରି

95. ଅନର୍ଥର ମୂଳ ଏହି ଅର୍ଥ ପ୍ରକାଶ କରୁଥିବା ରୁଦ୍ଧି କେଉଁଟି?  
(a) ଚିତା କାଟିବା  
(b) ନାଟର ଗୋବରଧନ  
(c) ମୁହଁ ଦେବା  
(d) ଦାଉ ସାଧିବା  
Ans: ନାଟର ଗୋବରଧନ

96. \_\_\_ ଧନ ମଣିଷକୁ ପ୍ରକୃତ ଶାନ୍ତି ଦିଏ  
(a) ଉଠେଇ ଆଣିଥିବା  
(b) ଠକି ଆଣିଥିବା  
(c) ଝାଳ ବୁଢ଼ା  
(d) ତଣ୍ଡୁଳି ଆଣିଥିବା  
Ans: ଝାଳ ବୁଢ଼ା

97. ପ୍ରକୃତର ସମୋଚ୍ଚାରିତ ଶବ୍ଦ କ'ଣ?  
(a) ପ୍ରତୀତ  
(b) ପ୍ରତିକ୍ଷଣ  
(c) ପ୍ରତୀତି  
(d) ପ୍ରଧାନ  
ଉତ୍ତର: (a) ପ୍ରତୀତ

98. ପ୍ରତ ଶବ୍ଦର ଭିନ୍ନ ଅର୍ଥ କ'ଣ ହେବ?  
(a) ପବିତ୍ର  
(b) ଦୀପ  
(c) ନରକ ବିଶେଷ  
(d) ଶ୍ରେଷ୍ଠ  
ଉତ୍ତର: (c) ନରକ ବିଶେଷ

99. ଦୁର୍ଦ୍ଦଶା ର ସମ୍ପ୍ରଦିକ୍ଷେଦ କ'ଣ ହେବ?  
(a) ଦୁର୍ + ଦଶା  
(b) ଦୁର୍ + ଆରୋଗ୍ୟ  
(c) ଦୁର୍ + ଭିକ୍ଷ  
(d) ଦୁର୍ + ଶ୍ରେଷ୍ଠ  
ଉତ୍ତର: (a) ଦୁର୍ + ଦଶା

100. ପ୍ରତୀକ୍ଷଣ ସମୋଚ୍ଚାରିତ ଶବ୍ଦର ଭିନ୍ନ ଅର୍ଥ ହେବ କ'ଣ?  
(a) ନିର୍ଦ୍ଦେଶ, ସମ୍ବନ୍ଧ ଦେଖିବା

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (b) ଅନୁକ୍ଷଣ, ସମ୍ବନ୍ଧ ଦେଖିବା  
(c) ଆନନ୍ଦ, ସରବଦା  
(d) ମନୋରଞ୍ଜନ, ସମ୍ବନ୍ଧ ଦେଖିବା  
ଉତ୍ତର: (b) ଅନୁକ୍ଷଣ, ସମ୍ବନ୍ଧ ଦେଖିବା
101. ଦୁର୍ଗୁଣ ର ସମ୍ପର୍କିତ କ'ଣ ହେବ?  
(a) ଦୁର୍ + ଭିକ୍ଷ  
(b) ଦୁର୍ + ଗୁଣ  
(c) ଦୁର୍ + ନାମ  
(d) ଦୁର୍ + ଆରୋଗ୍ୟ  
ଉତ୍ତର: (b) ଦୁର୍ + ଗୁଣ
102. ପ୍ରଦାନ ଶବ୍ଦର ଅର୍ଥ କ'ଣ ହେବ?  
(a) ପବିତ୍ର  
(b) ଶ୍ରେଷ୍ଠ  
(c) ଦେବା  
(d) ଦୀପ  
ଉତ୍ତର: (c) ଦେବା
103. 'ଦୁର୍ନାମ' ର ସମ୍ପର୍କିତ କ'ଣ ହେବ?  
(a) ଦୁର୍ + ନାମ  
(b) ଦୁର୍ + ଆରୋଗ୍ୟ  
(c) ଦୁର୍ + ଭିକ୍ଷ  
(d) ଦୁର୍ + ଯୋଗ  
ଉତ୍ତର: (a) ଦୁର୍ + ନାମ
104. 'ପୁଷ୍କଳ' ଶବ୍ଦର ଅର୍ଥ କ'ଣ?  
(a) ପଦ୍ମ  
(b) ବହୁଳ  
(c) ଆନନ୍ଦ  
(d) ବିପରୀତ  
ଉତ୍ତର: (b) ବହୁଳ
105. "ଆଗରେ ଜନ୍ମ ନେଇଛି ଯେ" - ଗୋଟିଏ ପଦରେ ପ୍ରକାଶ କର?  
(a) ଅଗ୍ରସର  
(b) ଅଗ୍ରଜ  
(c) ନିଦ୍ରାଳୁ  
(d) ଅତ୍ୟୁକ୍ତି  
Ans: (b) ଅଗ୍ରଜ
106. "ଆଗରେ ଯେ ଯାଏ" - ଗୋଟିଏ ପଦରେ ପ୍ରକାଶ କର?  
(a) ଅଗ୍ରସର  
(b) ଅଗ୍ରଜ  
(c) ଅଧ୍ୟାପକ  
(d) ଅତ୍ୟୁକ୍ତି  
Ans: (a) ଅଗ୍ରସର

107. "ଅକ୍ଷର ପର" - ଗୋଟିଏ ପଦରେ ପ୍ରକାଶ କର?  
(a) ପରୋକ୍ଷ  
(b) ଅଗ୍ରଜ  
(c) ଅଧ୍ୟାପକ  
(d) ନିୟନ୍ତ୍ର  
Ans: (a) ପରୋକ୍ଷ
108. "ଆଳସ୍ୟ କରିବା ସ୍ୱଭାବ ଯାହାର" - ଗୋଟିଏ ପଦରେ ପ୍ରକାଶ କର?  
(a) ଅଳସୁଆ  
(b) ନିୟନ୍ତ୍ର  
(c) ଅତ୍ୟୁକ୍ତି  
(d) ଅଧ୍ୟାପକ  
Ans: (a) ଅଳସୁଆ
109. "ଅଳପ ବୟସ ଯାହାର" - ଗୋଟିଏ ପଦରେ ପ୍ରକାଶ କର?  
(a) ଅଳସୁଆ  
(b) ଅତ୍ୟୁକ୍ତି  
(c) ଅଳସୁଆ  
(d) ଅଳପବୟସକ  
Ans: (d) ଅଳପବୟସକ
110. "ଆନନ୍ଦର ଅଭାବ" - ଗୋଟିଏ ପଦରେ ପ୍ରକାଶ କର?  
(a) ନିରାନନ୍ଦ  
(b) ନିୟନ୍ତ୍ର  
(c) ଅଳସୁଆ  
(d) ଅତ୍ୟୁକ୍ତି  
Ans: (a) ନିରାନନ୍ଦ
111. "ଅନେକଙ୍କ ମଧ୍ୟରେ ବୃହତ୍" - ଗୋଟିଏ ପଦରେ ପ୍ରକାଶ କର?  
(a) ବୃହତ୍ତମ  
(b) ନିୟନ୍ତ୍ର  
(c) ଅତ୍ୟୁକ୍ତି  
(d) ଅଧ୍ୟାପକ  
Ans: (a) ବୃହତ୍ତମ
112. "ଅନେକଙ୍କ ମଧ୍ୟରେ କ୍ଷୁଦ୍ର" - ଗୋଟିଏ ପଦରେ ପ୍ରକାଶ କର?  
(a) ବୃହତ୍ତମ  
(b) କ୍ଷୁଦ୍ରତମ  
(c) ନିୟନ୍ତ୍ର  
(d) ଅତ୍ୟୁକ୍ତି  
Ans: (b) କ୍ଷୁଦ୍ରତମ
113. ଶୁଦ୍ଧ ବାକ୍ୟ ଟି ବାଛି ?  
(a) ଶିକ୍ଷୟତା ପ୍ରତ୍ୟେକ ଛାତ୍ରମାନଙ୍କୁ ପ୍ରଶ୍ନ ପଚାରିଲେ  
(b) ଶିକ୍ଷୟତା ଛାତ୍ରମାନଙ୍କୁ ପ୍ରଶ୍ନ ପଚାରିଲେ

**Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5**

- (c) ଶିକ୍ଷୟିତ୍ରୀ ପ୍ରତ୍ୟେକ ଛାତ୍ରମାନଙ୍କୁ ପ୍ରଶ୍ନ ପଚାରିଲେ  
(d) ଶିକ୍ଷୟିତ୍ରୀ ଛାତ୍ରମାନଙ୍କୁ ପ୍ରଶ୍ନ ପଚାରିଲେ  
Ans: (d) ଶିକ୍ଷୟିତ୍ରୀ ଛାତ୍ରମାନଙ୍କୁ ପ୍ରଶ୍ନ ପଚାରିଲେ

114. ଶୁଦ୍ଧ ଗନ୍ଧକି ବାଛି ?

- (a) ଆଧିକ୍ଷ  
(b) ଆଧିକ୍ଷତା  
(c) ଅଧିକ୍ଷ  
(d) ଅଧିକ୍ଷତା

Ans: (a) ଆଧିକ୍ଷ

115. ଶୁଦ୍ଧ ବାକ୍ସକି ବାଛି ?

- (a) ଲଙ୍ଘାରେ ମୋ ମୁଣ୍ଡ ନଳ୍ଲ ଗଲା  
(b) ଲଙ୍ଘାରେରେ ମୋ ମୁଣ୍ଡ ନଳ୍ଲ ଗଲା  
(c) ଲଙ୍ଘାରେ ମୋ ମୁଣ୍ଡ ନଳ୍ଲ ଗଲା  
(d) ଲଙ୍ଘାରେ ମୋ ମଣ୍ଡ ନଳ୍ଲ ଗଲା

Ans: (b) ଲଙ୍ଘାରେରେ ମୋ ମୁଣ୍ଡ ନଳ୍ଲ ଗଲା

116. ଲଙ୍ଘାରେ ହରି ଗନ୍ଧ - ଏହା କେଉଁ ଅର୍ଥକୁ ପ୍ରକାଶ କରେ ?

- (a) ଶକ୍ତିଶାଳୀ  
(b) ଅସମ୍ଭବ କଥା  
(c) ସୁଆଦିଆ  
(d) ଆମୋଦପୁରମୋଦ

Ans: (b) ଅସମ୍ଭବ କଥା

117. ଯେଉଁ ସଂସ୍କୃତ ଶବ୍ଦଗୁଡ଼ିକ ସାମାନ୍ୟ ରୂପରେ ପରିବର୍ତ୍ତନ ହୋଇ ଆମ ଭାଷାରେ ଚଳୁଛି ସେଗୁଡ଼ିକୁ କ'ଣ କୁହାଯାଏ ?

- (a) ତତ୍ସମ  
(b) ତତ୍ତ୍ୱ  
(c) ଦେଶଜ  
(d) ବୈଦେଶିକ

Ans: (b) ତତ୍ତ୍ୱ

118. ଯେଉଁ ଶବ୍ଦଗୁଡ଼ିକ ଦୀର୍ଘକାଳ ଧରି ଆମ ଭାଷାରେ ଚଳି ଆସୁଅଛି, ସେଗୁଡ଼ିକୁ କଣ କହନ୍ତି ?

- (a) ତତ୍ସମ  
(b) ତତ୍ତ୍ୱ  
(c) ଦେଶଜ  
(d) ବୈଦେଶିକ

Ans: (c) ଦେଶଜ

119. ଯେଉଁ ଶବ୍ଦଗୁଡ଼ିକ ଅନ୍ୟ ଭାଷାରୁ ଆସି ଆମ ଭାଷାରେ ବ୍ୟବହୃତ ହେଉଅଛି, ସେଗୁଡ଼ିକୁ କଣ କହନ୍ତି ?

- (a) ତତ୍ସମ  
(b) ତତ୍ତ୍ୱ  
(c) ଦେଶଜ

ବୈଦେଶିକ

Ans: (d) ବୈଦେଶିକ

120. ପ୍ରବର୍ତ୍ତର ପଥର ଖସିଲା ରୋଗାତ୍ମକ ପଦଟି କି କାରକ ?

- (a) କର୍ତ୍ତା କାରକ  
(b) କର୍ମ କାରକ  
(c) ଅପାଦାନ  
(d) କରଣ କାରକ

Ans: (c) ଅପାଦାନ

121. Where are Tropical Evergreen rain forests predominantly found in India?

- (a) Western Ghats  
(b) Deccan Plateau  
(c) Punjab and Haryana  
(d) Central India

Ans: (a) Western Ghats

122. Which tree species is NOT commonly found in Tropical Evergreen rain forests?

- (a) Mahogany  
(b) Sandalwood  
(c) Teak  
(d) Rosewood

Ans: (c) Teak

123. Deciduous forests in India are found in which of the following regions?

- (a) Western Ghats  
(b) Arunachal Pradesh  
(c) Central Deccan Plateau  
(d) Andaman Islands

Ans: (c) Central Deccan Plateau

124. What is the primary reason why Dry Deciduous forests are characterized?

- (a) High annual precipitation  
(b) Low annual precipitation  
(c) Rich biodiversity  
(d) Evergreen vegetation

Ans: (b) Low annual precipitation

125. Which type of forest is characterized by a multilayered structure with intense tree growth and high biodiversity?

- (a) Deciduous forests  
(b) Tidal or Mangrove forests

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (c) Tropical Evergreen forests  
(d) Semi-desert vegetation  
Ans. (c) Tropical Evergreen forests
126. Which trees are commonly found in the higher elevations of the Himalayas?  
(a) Rhododendrons and Junipers  
(b) Sal and Teak  
(c) Pine and Fir  
(d) Bamboo and Mahogany  
Ans. (a) Rhododendrons and Junipers
127. What is a significant feature of Mangrove forests?  
(a) High altitude location  
(b) Low annual precipitation  
(c) Growth near coastal areas and deltas  
(d) Presence of tropical hardwood trees  
Ans. (c) Growth near coastal areas and deltas
128. Which of the following is NOT a typical tree found in Tidal or Mangrove forests?  
(a) Sundari  
(b) Hogla  
(c) Sal  
(d) Garan  
Ans. (c) Sal
129. Where are Semi-desert and Desert vegetation primarily found in India?  
(a) Himachal Pradesh  
(b) Punjab and Rajasthan  
(c) West Bengal  
(d) Meghalaya  
Ans. (b) Punjab and Rajasthan
130. Why does Tropical Evergreen rain forest not regenerate quickly compared to Deciduous forests?  
(a) Exotic species invade the fertile soil  
(b) The soil is deficient in nutrients  
(c) Rain forest species are slow-growing  
(d) Propagules of the trees have poor viability  
Ans. (b) The soil is deficient in nutrients
131. What is the primary action of weathering on Earth?  
a) Formation of new rocks

- b)  
Erosion of sediments  
c) Disintegration of rocks  
d) Creation of mountains  
Ans. c) Disintegration of rocks
132. Which of the following is NOT a major group of weathering processes?  
a) Biological Weathering  
b) Chemical Weathering  
c) Physical or Mechanical Weathering  
d) Erosion Weathering  
Ans. d) Erosion Weathering
133. What role do climate and atmospheric conditions play in weathering?  
a) They have no effect on weathering processes.  
b) They influence the rate and type of weathering.  
c) They only affect physical weathering.  
d) They are solely responsible for chemical weathering.  
Ans. b) They influence the rate and type of weathering.
134. Which weathering process involves the fragmentation of rocks by biological agents?  
a) Chemical Weathering  
b) Physical Weathering  
c) Biological Weathering  
d) Thermal Weathering  
Ans. c) Biological Weathering
135. How does physical or mechanical weathering differ from chemical weathering?  
a) Physical weathering involves chemical reactions, while chemical weathering involves physical forces.  
b) Physical weathering is caused by biological agents, whereas chemical weathering is caused by physical forces.  
c) Physical weathering is caused by physical forces, whereas chemical weathering involves chemical reactions.  
d) Physical weathering only affects minerals,

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- while chemical weathering affects organic materials.
- Ans. c) Physical weathering is caused by physical forces, whereas chemical weathering involves chemical reactions.
136. Which of the following factors influences the degree of weathering?
- Only climatic factors
  - Only biological factors
  - Geological, climatic, topographic, and vegetative factors
  - Only atmospheric conditions
- Ans. c) Geological, climatic, topographic, and vegetative factors
137. What determines the resistance of minerals to weathering?
- Their color and size
  - The depth of the weathering mantle
  - Their formation pressure and temperature
  - Their age and location
- Ans. c) Their formation pressure and temperature
138. Which type of weathering is characterized by the weakening of rocks through chemical reactions?
- Physical Weathering
  - Mechanical Weathering
  - Biological Weathering
  - Chemical Weathering
- Ans. d) Chemical Weathering
139. What is the primary cause of biological weathering?
- Water and ice
  - Wind and temperature changes
  - Plants, animals, and microbes
  - Chemical reactions in the atmosphere
- Ans. c) Plants, animals, and microbes
140. In what way does the weathering process differ from erosion?
- Weathering involves the transport of materials, whereas erosion does not.
  - Weathering breaks down materials in situ,

- while
- erosion involves the movement of materials.
- Weathering is only a chemical process, while erosion is purely physical.
  - Weathering and erosion are identical processes.
- Ans. b) Weathering breaks down materials in situ, while erosion involves the movement of materials.
141. What does biodiversity primarily refer to?
- The number of different species in a specific region
  - The number of individuals of a single species
  - The climate conditions in a region
  - The geographical features of an area
- Ans: (a) The number of different species in a specific region
142. Which role does biodiversity play in maintaining ecological balance?
- It decreases the stability of the ecosystem
  - It regulates the production and decomposition of organic waste
  - It focuses solely on economic benefits
  - It creates artificial habitats
- Ans: (b) It regulates the production and decomposition of organic waste
143. What is a major economic role of biodiversity?
- Creating artificial habitats
  - Providing raw materials for industrial products like oils and perfumes
  - Decreasing the number of plant species
  - Reducing soil fertility
- Ans: (b) Providing raw materials for industrial products like oils and perfumes
144. How does biodiversity contribute to scientific knowledge?
- By focusing only on economic aspects
  - By providing evidence of life's evolution and species' roles in sustainability
  - By decreasing the variety of species



## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (d) By ignoring the role of ecosystems  
Ans: (b) By providing evidence of life's evolution and species' roles in sustainability
145. Which type of biodiversity refers to the diversity within species?  
(a) Ecosystem Diversity  
(b) Genetic Diversity  
(c) Species Diversity  
(d) Environmental Diversity  
Ans: (b) Genetic Diversity
146. What is meant by species diversity?  
(a) The variety of ecosystems in a region  
(b) The number of different species within a specific region or habitat  
(c) The genetic makeup of individual species  
(d) The economic benefits derived from species  
Ans: (b) The number of different species within a specific region or habitat
147. Which of the following is a cause of biodiversity loss?  
(a) Natural habitat preservation  
(b) Decreased demand for natural resources  
(c) Pollution and climate change  
(d) Increased forestation  
Ans: (c) Pollution and climate change
148. What impact do natural calamities have on biodiversity?  
(a) They help in increasing species diversity  
(b) They lead to loss of biodiversity  
(c) They preserve habitats  
(d) They create new ecosystems  
Ans: (b) They lead to loss of biodiversity
149. How does air pollution contribute to biodiversity loss?  
(a) By increasing species diversity  
(b) By enhancing the carbon dioxide levels, leading to climate change  
(c) By reducing the temperature of land and oceans  
(d) By encouraging species adaptation
- Ans:
- (b) By enhancing the carbon dioxide levels, leading to climate change
150. What role do plants play in the context of biodiversity and medicinal use?  
(a) They have no role in medicinal use  
(b) They are used primarily for industrial products  
(c) They are essential for producing anti-cancer drugs  
(d) They contribute to air pollution  
Ans: (c) They are essential for producing anti-cancer drugs
151. Anatomy is a branch of Science which deals with:  
(a) Structure of animals and plants  
(b) Functioning of body organs  
(c) Animal behaviour  
(d) Cells and tissues  
Ans: (a)
152. Oncology is the study of:  
(a) Birds  
(b) Cancer  
(c) Mammals  
(d) Soil  
Ans: (b)
153. Numismatics is the study of:  
(a) Coins  
(b) Numbers  
(c) Stamps  
(d) Space  
Ans: (a)
154. Eugenics is the study of:  
(a) Different races of mankind  
(b) Genetics of plants  
(c) People of European region  
(d) Altering human beings by changing their genetic components.  
Ans: (d)
155. Ornithology is the:  
(a) Study of plants  
(b) Study of bones



## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (c) Study of noise  
(d) Study of birds  
Ans. (d)
156. Epidemiology is the study of:  
(a) Endodermis disease  
(b) Dermis disease  
(c) Epidemic disease  
(d) None of the above  
Ans. (c)
157. The energy of food is measured in:  
(a) Calories  
(b) Celsius  
(c) Kelvin  
(d) None of the above  
Ans. (a)
158. Name the instrument that is used to measure Relative Humidity?  
(a) Hygrometer  
(b) Hydrometer  
(c) Barometer  
(d) Mercury Thermometer  
Ans. (a)
159. Name an instrument which is used to measure the Density of milk?  
(a) Lactometer  
(b) Hydrometer  
(c) Barometer  
(d) Hygrometer  
Ans. (a)
160. Name an instrument used to measure electric resistance?  
(a) Ohmmeter  
(b) Electrometer  
(c) Galvanometer  
(d) Spectrometer  
Ans. (a)
161. Name an instrument used to measure the intensity of earthquakes?  
A. Richter Scale  
B. Ammeter  
C. Hyetometer

- D.
- Oometer  
Answer: A
162. Fathometer is used to measure:  
A. Earthquakes  
B. Rainfall  
C. Ocean depth  
D. Sound intensity  
Answer: C
163. Coronagraph is used for:  
A. Study the veins  
B. Studying Blood Pressure  
C. Studying the arteries  
D. Observing and often photographing the sun's corona.  
Answer: D
164. What do you understand by Aerodynamics?  
A. It is a science of movement in a flow of air or gas.  
B. It is a science of generative organs.  
C. It is a science of pleasure and pain.  
D. None of the above  
Answer: A
165. What is Bryology?  
A. Study of food  
B. Study of fruit  
C. Study of mosses and liverworts  
D. Study of rings  
Answer: C
166. Chirology is the study of:  
A. Hands  
B. Feet  
C. Comets  
D. Skull  
Answer: A
167. Entozoology is the study of:  
A. Enigmas  
B. Glands  
C. Enzymes  
D. Parasites that live inside larger organisms.  
Answer: D

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

168. Study of increasing the habitability of the earth is termed as:

- A. Geology
- B. Geotechnics
- C. Geoponics
- D. Geogony

Answer: B

169. Thalassography is the science of:

- A. Sea
- B. Animal tissues
- C. Humidity
- D. Measuring heights

Answer: A

170. What is the meaning of the term Topology?

- A. It is the study of places and natural features.
- B. Study of hair and its disorders.
- C. It is the study of shape and features of the moon.
- D. Study of theological salvation.

Answer: A

171. Ball-Point pen is invented by:

- A. Waterman
- B. Oscar
- C. Wilson
- D. Lazlo Biro

Ans. D

172. Logarithm tables were invented by:

- A. J.J. Thompson
- B. John Napier
- C. Paul Ehrlich
- D. A.G. Bell

Ans. B

173. Who had invented zero?

- A. Egyptians
- B. Greeks
- C. Indians
- D. None of the above

Ans. C

174. Aeroplane was invented by:

- A. Wright Brothers
- B. Edward Jenner
- C. John Douglas

None of the above

Ans. A

175. Blaise Pascal is associated with:

- A. Bicycle
- B. Speed
- C. Calculator
- D. Electricity

Ans. C

176. Who discovered that plants have life?

- A. Edward Jenner
- B. J.C. Bose
- C. Louis Pasteur
- D. Darwin

Ans. B

177. The telephone was invented by:

- A. Einstein
- B. Robert Hook
- C. John Napier
- D. Alexander Graham Bell

Ans. D

178. The velocity of light was first measured by:

- A. Romer
- B. Thomas Alva Edison
- C. James Watt
- D. Faraday

Ans. A

179. Doctor's Thermometer was invented by:

- A. Newton
- B. Fahrenheit
- C. Louis Pasteur
- D. None of the above

Ans. B

180. Who had discovered oxygen?

- A. Rutherford
- B. William Harvey
- C. Priestly
- D. Galileo

Ans. C

181. Who is the Chief Minister responsible for Home, General Administration and Public Grievance, Information and Public Relations,

D.

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- Water Resources, Planning and Convergence?  
(a) Kanak Vardhan Singh Deo  
(b) Pravati Parida  
(c) Mohan Charan Majhi  
(d) Suresh Pujari  
Answer: (c) Mohan Charan Majhi
182. Who holds the position of Deputy Chief Minister responsible for Agriculture and Farmers' Empowerment and Energy?  
(a) Pravati Parida  
(b) Kanak Vardhan Singh Deo  
(c) Mukesh Mahaling  
(d) Rabi Narayan Naik  
Answer: (b) Kanak Vardhan Singh Deo
183. Which Deputy Chief Minister is in charge of Women and Child Development, Mission Shakti, and Tourism?  
(a) Kanak Vardhan Singh Deo  
(b) Pravati Parida  
(c) Nityananda Gond  
(d) Suresh Pujari  
Answer: (b) Pravati Parida
184. Who is the Minister for Revenue and Disaster Management?  
(a) Suresh Pujari  
(b) Rabi Narayan Naik  
(c) Nityananda Gond  
(d) Krushna Chandra Patra  
Answer: (a) Suresh Pujari
185. Who is responsible for Rural Development, Panchayati Raj and Drinking Water?  
(a) Bibhuti Bhusan Jena  
(b) Mukesh Mahaling  
(c) Rabi Narayan Naik  
(d) Prithviraj Harichandan  
Answer: (c) Rabi Narayan Naik
186. Who handles School and Mass Education, ST & SC Development, Minorities & Backward Classes Welfare?  
(a) Nityananda Gond  
(b) Kanak Vardhan Singh Deo  
(c) Pravati Parida
- (d)
- Suresh Pujari  
Answer: (a) Nityananda Gond
187. Who is the minister for Food Supplies and Consumer Welfare, Science & Technology?  
(a) Krushna Chandra Patra  
(b) Mukesh Mahaling  
(c) Prithviraj Harichandan  
(d) Bibhuti Bhusan Jena  
Answer: (a) Krushna Chandra Patra
188. Who is in charge of Law, Works, and Excise?  
(a) Mukesh Mahaling  
(b) Prithviraj Harichandan  
(c) Bibhuti Bhusan Jena  
(d) Dr. Krushna Chandra Mohapatra  
Answer: (b) Prithviraj Harichandan
189. In which year did the first agitation against British rule occur in Khurda?  
(a) 1799  
(b) 1802  
(c) 1804  
(d) 1810  
Answer: (c) 1804
190. Who was the king during the first agitation in Khurda against British rule?  
(a) Mukunda Deva I  
(b) Mukunda Deva II  
(c) Raja Rammohan Roy  
(d) Raja Gopabandhu Das  
Answer: (b) Mukunda Deva II
191. What form did the early agitation against British rule take in Odisha?  
(a) Peaceful protests  
(b) Negotiations  
(c) Armed resistance  
(d) Cultural revival  
Answer: (c) Armed resistance
192. Which of the following terms best describes the initial phase of the freedom struggle in Odisha?  
(a) Collaboration

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(b) Cooperation<br/>(c) Resistance<br/>(d) Submission<br/>Answer: (c) Resistance</p> <p>193. What is the birthdate of Aykrushana Mohapatra, also known as Jayee Rajguru, a prominent freedom fighter from Odisha?<br/>(a) 29th October, 1769<br/>(b) 29th October, 1739<br/>(c) 29th November, 1739<br/>(d) 29th September, 1769<br/>Answer: (b) 29th October, 1739</p> <p>194. In which village was Jayee Rajguru born?<br/>(a) Puri<br/>(b) Biraharekrushnapur<br/>(c) Chandipur<br/>(d) Bhubaneswar<br/>Answer: (b) Biraharekrushnapur</p> <p>195. What was Jayee Rajguru's original name?<br/>(a) Aykrushana Mohapatra<br/>(b) Jayakrushna Rajguru Mahapatra<br/>(c) Haramani Devi<br/>(d) Chand Rajguru<br/>Answer: (b) Jayakrushna Rajguru Mahapatra</p> <p>196. How is Jayee Rajguru commonly remembered in Indian history?<br/>(a) The first Prime Minister of India<br/>(b) A famous poet<br/>(c) A prominent freedom fighter<br/>(d) A renowned scientist<br/>Answer: (c) A prominent freedom fighter</p> <p>197. Which body of water borders Odisha on the east?<br/>(a) Arabian Sea<br/>(b) Indian Ocean<br/>(c) Bay of Bengal<br/>(d) Pacific Ocean<br/>Answer: (c) Bay of Bengal</p> <p>198. Between which parallels of latitude is Odisha located?<br/>(a) 15.49'N and 20.34'N<br/>(b) 16.49'N and 22.34'N</p> | <p style="text-align: right;">(c)</p> <p>17.49'N and 23.34'N<br/>(d) 17.49'N and 22.34'N<br/>Answer: (d) 17.49'N and 22.34'N</p> <p>199. Which two states border Odisha on the west and the south respectively?<br/>(a) Telangana and Tamil Nadu<br/>(b) Chhattisgarh and Tamil Nadu<br/>(c) Chhattisgarh and Andhra Pradesh<br/>(d) Madhya Pradesh and Telangana<br/>Answer: (c) Chhattisgarh and Andhra Pradesh</p> <p>200. What is the total length of Odisha's coastline?<br/>(a) About 300 kms<br/>(b) About 350 kms<br/>(c) About 400 kms<br/>(d) About 450 kms<br/>Answer: (d) About 450 kms</p> <p>201. Between which meridians of longitude is Odisha located?<br/>(a) 81.27'E and 87.29'E<br/>(b) 80.27'E and 86.29'E<br/>(c) 79.27'E and 85.29'E<br/>(d) 82.27'E and 88.29'E<br/>Answer: (a) 81.27'E and 87.29'E</p> <p>202. Which state shares its border with Odisha in the west and northwest?<br/>(a) Andhra Pradesh<br/>(b) Jharkhand<br/>(c) Chhattisgarh<br/>(d) West Bengal<br/>Answer: (c) Chhattisgarh</p> <p>203. Which state shares its border with Odisha in the north-east?<br/>(a) West Bengal<br/>(b) Andhra Pradesh<br/>(c) Tamil Nadu<br/>(d) Karnataka<br/>Answer: (a) West Bengal</p> <p>204. Which state shares its border with Odisha in the north?<br/>(a) Maharashtra<br/>(b) Gujarat</p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (c) Jharkhand  
(d) Rajasthan  
Answer: (c) Jharkhand
205. Which state shares its border with Odisha in the south?  
(a) Tamil Nadu  
(b) Andhra Pradesh  
(c) Karnataka  
(d) Kerala  
Answer: (b) Andhra Pradesh
206. What is the total area of Odisha in square kilometers?  
(a) 1,55,707 km<sup>2</sup>  
(b) 1,45,607 km<sup>2</sup>  
(c) 1,35,707 km<sup>2</sup>  
(d) 1,65,707 km<sup>2</sup>  
Answer: (a) 1,55,707 km<sup>2</sup>
207. Which East Indian region was Odisha known to due to maritime trade relations?  
(a) China  
(b) East Indies  
(c) Persia  
(d) Arabian Peninsula  
Answer: (b) East Indies
208. In which year did the armies of the Sultanate of Bengal conquer the region?  
(a) 1450 CE  
(b) 1505 CE  
(c) 1568 CE  
(d) 1650 CE  
Answer: (c) 1568 CE
209. Who led the armies of the Sultanate of Bengal during the conquest of the region?  
(a) Aurangzeb  
(b) Kalapahad  
(c) Sher Shah Suri  
(d) Shah Jahan  
Answer: (b) Kalapahad
210. By which year had Odisha completely passed to the Mughal Empire?  
a. (a) 1593  
(b) 1650

- (c)
- 1700  
(d) 1751  
Answer: (a) 1593
211. In which year did the Ghumsar Rebellion start?  
(a) 1857 AD  
(b) 1835 AD  
(c) 1869 AD  
(d) 1865 AD  
Ans. (b) 1835 AD
212. Who among the following joined the Sepoy Mutiny in 1857?  
(a) Chandan Hajuri  
(b) Ramakrishna Samantasinghar  
(c) Surendra Sai  
(d) All of the above  
Ans. (d) All of the above
213. When did the Na'anika Famine occur in Odisha?  
(a) 1835 AD  
(b) 1857 AD  
(c) 1865-66 AD  
(d) 1882 AD  
Ans. (c) 1865-66 AD
214. In which year was the first college in Cuttack opened?  
(a) 1867 AD  
(b) 1868 AD  
(c) 1903 AD  
(d) 1896 AD  
Ans. (a) 1867 AD
215. The Bhuyan Uprising in Odisha took place in which year?  
(a) 1857 AD  
(b) 1868 AD  
(c) 1865 AD  
(d) 1882 AD  
Ans. (b) 1868 AD
216. When was the Utkal Brahmo Samaj formed?  
(a) 1865 AD

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (b) 1868 AD  
(c) 1869 AD  
(d) 1882 AD  
Ans. (c) 1869 AD
217. The Utkal Sabha was formed in which year?  
(a) 1835 AD  
(b) 1882 AD  
(c) 1896 AD  
(d) 1905 AD  
Ans. (b) 1882 AD
218. When did the railway service in coastal Odisha begin?  
(a) 1835 AD  
(b) 1882 AD  
(c) 1896 AD  
(d) 1905 AD  
Ans. (c) 1896 AD
219. The Utkal Union Conference was formed in which year?  
(a) 1835 AD  
(b) 1869 AD  
(c) 1882 AD  
(d) 1903 AD  
Ans. (d) 1903 AD
220. In which year was the Utkal Union Samillani established?  
(a) 1896 AD  
(b) 1869 AD  
(c) 1905 AD  
(d) 1867 AD  
Ans. (c) 1905 AD
221. In which year was the Satyabadi Vana Vidyalya at Puri formed?  
(a) 1921 AD  
(b) 1909 AD  
(c) 1936 AD  
(d) 1940 AD  
Ans. (b) 1909 AD
222. When did Mahatma Gandhi visit Odisha for the first time?  
(a) 1930 AD

- (b) 1931 AD  
(c) 1921 AD  
(d) 1922 AD  
Ans. (c) 1921 AD
223. In which year did the Peasant Revolt at Kanika take place?  
(a) 1909 AD  
(b) 1938 AD  
(c) 1922 AD  
(d) 1941 AD  
Ans. (c) 1922 AD
224. On which date did the Foot March towards Inchudi at Balasore begin?  
(a) 6th April 1930 AD  
(b) 14th April 1930 AD  
(c) 1st December 1940 AD  
(d) 1st April 1936 AD  
Ans. (a) 6th April 1930 AD
225. When did Satyagrahis manufacture salt at Inchudi?  
(a) 1st April 1936 AD  
(b) 14th April 1930 AD  
(c) 1st December 1940 AD  
(d) November 1941 AD  
Ans. (b) 14th April 1930 AD
226. In which year was the Odisha State's People's Conference formed?  
(a) 1931 AD  
(b) 1938 AD  
(c) 1909 AD  
(d) 1922 AD  
Ans. (a) 1931 AD
227. When was Odisha granted the status of a province?  
(a) 1st April 1936 AD  
(b) 1st December 1940 AD  
(c) 14th April 1930 AD  
(d) November 1941 AD  
Ans. (a) 1st April 1936 AD
228. In which year was the Prajamandal formed at Garimal?



## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (a) 1938 AD  
(b) 1921 AD  
(c) 1941 AD  
(d) 1936 AD  
Ans. (a) 1938 AD
229. On which date was the Individual Civil Disobedience Movement launched in Odisha?  
(a) 14th April 1930 AD  
(b) 1st December 1940 AD  
(c) 6th April 1930 AD  
(d) November 1941 AD  
Ans. (b) 1st December 1940 AD
230. In which year was the Coalition Ministry formed with the Maharaja of Paralakhemundi?  
(a) 1931 AD  
(b) 1936 AD  
(c) 1940 AD  
(d) November 1941 AD  
Ans. (d) November 1941 AD
231. Which significant event occurred on 28th September 1942 AD?  
(a) Martyr Laxman Naik executed in Behrampur Jail  
(b) Sardar Patel's visit to Odisha for its merger  
(c) Massacre of Eram in Basudevpur  
(d) Mayurbhanj merged with Odisha  
Ans. (c) Massacre of Eram in Basudevpur
232. When was Martyr Laxman Naik executed in Behrampur Jail?  
(a) 29th March 1943 AD  
(b) December 1947 AD  
(c) 1st January 1948 AD  
(d) 1949 AD  
Ans. (a) 29th March 1943 AD
233. In which month and year did Sardar Patel visit Odisha for its merger?  
(a) 28th September 1942 AD  
(b) 29th March 1943 AD  
(c) December 1947 AD  
(d) 1st January 1948 AD  
Ans. (c) December 1947 AD
234. On which date did all Princely States, except Mayurbhanj, merge with Odisha?  
(a) 28th September 1942 AD  
(b) 29th March 1943 AD  
(c) December 1947 AD  
(d) 1st January 1948 AD  
Ans. (d) 1st January 1948 AD
235. In which year did Mayurbhanj also merge with Odisha?  
(a) 28th September 1942 AD  
(b) 29th March 1943 AD  
(c) December 1947 AD  
(d) 1949 AD  
Ans. (d) 1949 AD
236. According to Jaina literature, which Jaina Tirthankara achieved his first goal in the city of Rayapura, the capital of Kalinga?  
(a) Rishabhanatha  
(b) Aranatha  
(c) Mahavira  
(d) Parshvanatha  
Ans. (b) Aranatha
237. The city of Rayapura, mentioned in Jaina literature, is referred to as the capital of which ancient region?  
(a) Kosala  
(b) Utkala  
(c) Kalinga  
(d) Magadha  
Ans. (c) Kalinga
238. In the Avasyaka Niryukti, which city is mentioned as a place where Mahavira was tortured by the local people?  
(a) Dantapura  
(b) Tosali  
(c) Pataliputra  
(d) Rayapura  
Ans. (b) Tosali
239. The Jaina Harivamsa mentions Abhichandra as the founder of which dynasty in the Kosala region?  
(a) Maurya

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (b) Gupta  
(c) Chedi  
(d) Nanda

Ans. (c) Chedi

240. Which city is mentioned in Jaina literature as being associated with both Aranatha and Mahavira in ancient Odisha?

- (a) Rayapura  
(b) Tosali  
(c) Dantapura  
(d) Utkala

Ans. (a) Rayapura

241. If  $x$  is a positive integer such that  $\frac{3x+5}{7}$  is an integer, what is the smallest possible value of  $x$ ?

- a. (a) 1  
b. (b) 2  
c. (c) 3  
d. (d) 4

242. **Ans:** (d) 4

**Solution:** Let  $\frac{3x+5}{7} = k$ , where  $k$  is an integer. Thus,  $3x+5=7k$ . Rearranging,  $3x=7k-5$ . For  $x$  to be an integer,  $7k-5$  must be divisible by 3. Trying successive values of  $k$ , the smallest  $k$  that satisfies this condition is  $k=3$ . Substituting,  $3x=21-5$ , so  $x=16/3$ . Trying the next  $k=4$ ,  $3x=28-5=23$ , so  $x=23/3$ . Finally, trying  $k=5$ ,  $3x=35-5=30$ , so  $x=10$ . Hence, the smallest  $x$  is 10.

243. A man spends 40% of his monthly salary on rent, 25% on food, and 15% on transportation. If he saves ₹9,000, what is his total monthly salary?

- a. (a) ₹30,000  
b. (b) ₹36,000  
c. (c) ₹40,000  
d. (d) ₹45,000

244. **Ans:** (b) ₹36,000

**Solution:** Let the monthly salary be  $S$ . He spends  $40\%+25\%+15\%=80\%$  of his salary, so he saves  $100\%-80\%=20\%$ . If 20% of the salary is ₹9,000, then 100% of the salary is

$$(9,000 \times 100) / 20 = ₹45,000$$

245. The average of 5 numbers is 15. If two of the numbers are 10 and 20, what is the average of the remaining 3 numbers?

- a. (a) 10  
b. (b) 12  
c. (c) 15  
d. (d) 20

246. **Ans:** (a) 10

**Solution:** Solution: The sum of the 5 numbers is  $5 \times 15 = 75$ . The sum of the first two numbers is  $10+20=30$ . Thus, the sum of the remaining 3 numbers is  $75-30=45$ . Therefore, the average of the remaining 3 numbers is  $45/3 = 15$ .

247. A sum of money doubles in 5 years at simple interest. What is the rate of interest per annum?

- a. (a) 10%  
b. (b) 20%  
c. (c) 15%  
d. (d) 25%

248. **Ans:** (b) 20%

**Solution:** Solution: Let the principal be  $P$  and the rate of interest be  $r\%$ . In 5 years, the amount is  $2P$ , and the simple interest is  $P$ . Simple interest formula is  $SI = (P \times r \times t) / 100$ . Thus,  $P = (P \times r \times t) / 100$ , so  $r = 100/5 = 20\%$ .

249. A train travels from point A to point B in 3 hours at a speed of 60 km/hr. If it travels from B to A at a speed of 90 km/hr, what is the average speed of the train for the entire journey?

- a. (a) 72 km/hr  
b. (b) 75 km/hr  
c. (c) 80 km/hr  
d. (d) 85 km/hr

250. **Ans:** (a) 72 km/hr

**Solution:** The distance between A and B is  $60 \times 3 = 180$  km. Time taken from B to A is  $180/90 = 2$  hours. Total distance for the round trip is  $180+180=360$  km, and total time is

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- 3+2=5 hours. Average speed is  $360/5=72$  km/hr..
251. The sum of the squares of two consecutive odd numbers is 410. What are the numbers?
- (a) 9 and 11
  - (b) 11 and 13
  - (c) 13 and 15
  - (d) 15 and 17
252. **Ans:** (b) 11 and 13  
**Solution:** Let the odd numbers be  $x$  and  $x+2$ .  
 Then,  $x^2 + (x+2)^2 = 410$ . Expanding and solving:  $x^2 + x^2 + 4x + 4 = 410$ ,  $x^2 + 4x + 4 = 410$ ,  $2x^2 + 4x = 406$ ,  $x^2 + 2x = 203=0$ .  
 Solving  $x^2 + 2x - 203 = 0$ ,  $(x-11)(x+13)=0$ ,  $x=11$ . Therefore, the numbers are 11 and 13.
253. If a car covers 180 km in 3 hours and another car covers 240 km in 4 hours, what is the ratio of their speeds?
- (a) 3:4
  - (b) 4:3
  - (c) 2:3
  - (d) 3:2
254. **Ans:** (b) 4:3  
**Solution:** Speed of the first car is  $180/3 = 60$  km/hr. Speed of the second car is  $240/4 = 60$  km/hr. The ratio of the speeds is  $60/60=1:1$ .
255. A man buys a watch at a discount of 25% on the marked price. If he sells it for ₹9000, what was the marked price?
- (a) ₹10,000
  - (b) ₹12,000
  - (c) ₹13,500
  - (d) ₹15,000
256. **Ans:** (a) ₹12,000  
**Solution:** Let the marked price be  $M$ . After a 25% discount, the selling price is 75% of  $M$   $=0.75M=9000$ , hence  $M= 9000/0.75 =12000$ .
257. The sum of three consecutive integers is 69. What are the integers?
- (a) 22, 23, 24
  - (b) 21, 22, 23
  - (c) 23, 24, 25

- (d) 20, 21, 22
258. **Ans:** (b) 21, 22, 23  
**Solution:** Let the integers be  $x-1$ ,  $x$ , and  $x+1$ .  
 Then,  
 $(x-1)+x+(x+1)=69$ ,  $3x=69$ ,  $x=23$ . Hence, the integers are 22, 23, and 24.
259. A student scores 85, 90, and 80 in three subjects. If the average score needs to be 88 for the fourth subject, what must be the score in the fourth subject?
- (a) 95
  - (b) 96
  - (c) 97
  - (d) 98
260. **Ans:** (a) 95  
**Solution:** Let the score in the fourth subject be  $x$ .  
 The average score is  $85+90+80+x =88$ .  
 Solving for  $255+x=352$ ,  
 $x=352-255=97$ .
261. A man buys 4 pens for ₹40 and sells them at a price of ₹12 each. What is his profit percentage?
- (a) 20%
  - (b) 25%
  - (c) 30%
  - (d) 35%
262. **Ans:** (b) 25%  
**Solution:** Cost price of 4 pens = ₹40,  
 hence cost price of 1 pen = ₹10. Selling price of 1 pen = ₹12. Profit per pen = ₹12 - ₹10 = ₹2.  
 Total profit = ₹2 times 4 = ₹8.  
 Total cost price = ₹40.  
 Profit percentage =  $8/40 \times 100=20\%$
263. A shopkeeper increases the price of an item by 25% and then gives a 10% discount. What is the effective percentage increase in the price of the item?
- (a) 10%
  - (b) 15%
  - (c) 12.5%
  - (d) 20%

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

264. **Ans:** (c) 12.5%

**Solution:** Let the original price be ₹100. After a 25% increase, the new price is ₹125. After a 10% discount on ₹125, the selling price is  $125 \times (1 - 0.10) = 125 \times 0.90 = 112.5$ . The effective increase is  $112.5 - 100 = 12.5$ .

Percentage increase  $= \frac{12.5}{100} \times 100 = 12.5\%$ .

265. A student scores 70, 75, 80, and 85 in four tests. If the scores are to be in arithmetic progression, what is the score of the fifth test if the average score of all five tests is 80?

- a. (a) 90
- b. (b) 85
- c. (c) 95
- d. (d) 100

266. **Ans:** (a) 90

**Solution:** The sum of the five scores =  $80 \times 5 = 400$ .

The sum of the first four scores =  $70 + 75 + 80 + 85 = 310$ .

Hence, the score of the fifth test =  $400 - 310 = 90$ .

267. A man borrows ₹10,000 at 8% per annum compound interest. What is the amount he will have to pay after 2 years?

- a. (a) ₹11,664
- b. (b) ₹11,600
- c. (c) ₹11,680
- d. (d) ₹11,760

268. **Ans:** (a) ₹11,664

**Solution:** Amount

$$A = P(1 + r/100)^t$$

Here,

$$P = 10,000,$$

$$r = 8\%, \text{ and}$$

$$t = 2. \text{ Thus,}$$

$$A = 10,000(1 + 8/100)^2$$

$$= 10,000(1.08)^2$$

$$= 10,000 \times 1.1664 = 11,664.$$

269. A person buys an article for ₹720 and sells it at a profit of 20%. What is the selling price?

- a. (a) ₹864

- b. (b) ₹840

- c. (c) ₹900

- d. (d) ₹880

270. **Ans:** (a) ₹864

**Solution:** Selling price =

$$720 \times (1 + 0.20) = 720 \times 1.20 = ₹864.$$

271. The sum of the squares of two numbers is 289, and their difference is 7. What is the product of the numbers?

- a. (a) 84
- b. (b) 90
- c. (c) 96
- d. (d) 105

272. **Ans:** (a) 84

**Solution:** Let the numbers be x and y. Given

$$x^2 + y^2 = 289 \text{ and}$$

$$x - y = 7. \text{ We use the identity}$$

$$(x - y)^2 = x^2 + y^2 - 2xy.$$

Hence,

$$49 = 289 - 2xy, \text{ so}$$

$$2xy = 240,$$

$$xy = 120.$$

273. The ratio of the ages of two brothers is 3:4. Five years ago, the sum of their ages was 46. What are their current ages?

- a. (a) 20 and 25
- b. (b) 21 and 28
- c. (c) 24 and 32
- d. (d) 27 and 36

274. **Ans:** (c) 24 and 32

**Solution:** Let the ages be 3x and 4x. Five

years ago, their ages were

$$3x - 5 \text{ and } 4x - 5. \text{ Thus,}$$

$$(3x - 5) + (4x - 5) = 46,$$

solving gives

$$7x - 10 = 46, \text{ hence } x = 8.$$

Therefore, their current ages are

$$3 \times 8 = 24 \text{ and } 4 \times 8 = 32.$$

275. A sum of money triples itself in 10 years at simple interest. In how many years will it become nine times itself?

- a. (a) 20 years

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- b. (b) 30 years
- c. (c) 40 years
- d. (d) 50 years

276. **Ans:** (c) 40 years

**Solution:** If the money triples in 10 years, it means the interest for 10 years is equal to twice the principal. To become nine times, the money must increase by 8 times the principal. Since the interest is proportional to time,  
 $8/2 = 4 \times 10 = 40$  years.

277. If the sum of the ages of a father and his son is 45 years and the father is 5 times as old as the son 10 years ago, what are their current ages?

- a. (a) 35 and 10
- b. (b) 40 and 5
- c. (c) 30 and 15
- d. (d) 40 and 15

278. **Ans:** (a) 35 and 10

**Solution:** Let the son's age be  $x$  and the father's age be  $45-x$ .  
 Ten years ago, the father's age was  $45-x-10=35-x$ , and the son's age was  $x-10$ .  
 Given  $35-x=5(x-10)$ , solving gives  
 $35-x=5x-50$ ,  
 $6x=85$ , so  $x=10$ .  
 Hence, the father's age is  $45-10=35$ .

279. A number is decreased by 20% and then increased by 25%. The resulting number is 90. What was the original number?

- a. (a) 100
- b. (b) 96
- c. (c) 80
- d. (d) 75

280. **Ans:** (a) 100

**Solution:** Let the original number be  $xxx$ . After a 20% decrease, the number is  $0.8x$ . After a 25% increase, the number becomes  $0.8x \times 1.25 = x$ . Hence,  $x=90$ .

281. The ratio of the speeds of two cars is 4:5. If the first car covers 120 km in 2 hours, how

long will it take for the second car to cover 150 km?

- a. (a) 2 hours
- b. (b) 2.5 hours
- c. (c) 3 hours
- d. (d) 4 hours

282. **Ans:** (a) 2 hours

**Solution:** Speed of the first car =  $120/2=60$  km/hr.

Speed of the second car =  $5/4 \times 60 = 75$  km/hr.

Time for the second car to cover 150 km is  $150/75=2$  hours

283. What is the sum of the first 50 positive integers?

- (a) 1250
- (b) 1275
- (c) 1225
- (d) 1276

**Ans:** (b) 1275

**Solution:** The sum of the first  $n$  positive integers is given by  
 $n(n+1)/2 =$   
 $n=50 \times 51/2 = 1275$

284. A father is three times as old as his son. After 15 years, he will be twice as old as his son. What is the father's current age?

- (a) 45
- (b) 42
- (c) 48
- (d) 50

**Ans:** (a) 45

**Solution:**

Let the son's age be  $x$   
 and the father's age be  $3x$ .

$$3x+15=2(x+15)$$

$$3x+15=2x+30$$

$$x=15$$

Father's age:

$$3x=3 \times 15=45$$

285. A and B invest \$2000 and \$3000 in a business, respectively. If the profit is \$2500,

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

what is A's share of the profit?

- (a) \$1000
- (b) \$1200
- (c) \$1500
- (d) \$1400

Ans: (a) \$1000

Solution:

Total investment = \$2000 + \$3000 = \$5000

A's share =  $2000/5000 \times 2500 = 2/5 \times 2500 = 1000$

286. If 5 men can complete a work in 20 days, how many days will it take for 10 men to complete the same work?

- (a) 10
- (b) 5
- (c) 15
- (d) 20

Ans: (a) 10

Solution:

Work done is inversely proportional to the number of men.

$5 \text{ men} \times 20 \text{ days} = 10 \text{ men} \times x \text{ days}$

$5 \times 20/10 = 10 \text{ days}$

287. If A can do a piece of work in 12 days and B can do it in 18 days, how long will they take to do it together?

- (a) 6 days
- (b) 7.2 days
- (c) 7.5 days
- (d) 8 days

Ans: (b) 7.2 days

Solution:

Work done by A in 1 day =  $1/12$

Work done by B in 1 day =  $1/18$

Total work done in 1 day together =

$1/12 + 1/18 = (3+2)/36 = 5/36$

Time taken =  $36/5 = 7.2 \text{ days}$

288. A pipe can fill a tank in 10 hours, and another pipe can empty it in 15 hours. If both pipes are opened together, how long will it take to fill the tank?

- (a) 30 hours
- (b) 25 hours

20 hours

(d) 15 hours

Ans: (c) 30 hours

Solution:

Rate of filling =  $1/10$

Rate of emptying =  $1/15$

Net rate =  $1/10 - 1/15 = (3-2)/30 = 1/30$

Time taken = 30 hours

289. The difference between the place value and the face value of 6 in the numeral 856973 is

- (a) 973
- (b) 6973
- (c) 5994
- (d) None of these

Ans: (c) 5994

Sol: place value of 6 - Face value of 6 =  $6000 - 6 = 5994$

The difference between the local value and the face value of 7 in the numeral 32675149

- (a) 75142
- (b) 64851
- (c) 5149
- (d) 69993

Ans: (d) 69993

Sol: place value of 7 - Face value of 7 =  $70000 - 7 = 69993$

290. What is the volume of a cube with side length 4 cm?

- (a)  $64 \text{ cm}^3$
- (b)  $48 \text{ cm}^3$
- (c)  $60 \text{ cm}^3$
- (d)  $72 \text{ cm}^3$

Ans: (a)  $64 \text{ cm}^3$

Solution:

Volume =  $\text{side}^3 = 4^3 = 64 \text{ cm}$

291.  $150.011 - 419.999 + 649.991 = ?$

- (a) 350
- (b) 365
- (c) 375



## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (d) 380  
Ans: (d)
292. Which of the following is true about the Notified Area Committee?  
 (a) It is created in an area where new industries are set up  
 (b) It necessarily fulfills all the conditions for the constitution of the municipality  
 (c) All members are elected by the local population  
 (d) It is constituted by an act of legislatures  
 Ans. (a) It is created in an area where new industries are set up
293. What is the maximum election expense limit for a candidate in a Lok Sabha constituency in most Indian states?  
 (a) ₹10 lakhs  
 (b) ₹25 lakhs  
 (c) ₹70 lakhs  
 (d) ₹1 crore  
 Ans. (c) ₹70 lakhs
294. Which amendment to the Constitution of India gave constitutional recognition to Municipalities?  
 (a) 71st Amendment  
 (b) 72nd Amendment  
 (c) 73rd Amendment  
 (d) 74th Amendment  
 Ans. (d) 74th Amendment
295. The writ of prohibition is issued by which of the following authorities?  
 (a) Administrative authorities  
 (b) Judicial or quasi-judicial authorities  
 (c) Executive authorities  
 (d) Legislative bodies  
 Ans. (b) Judicial or quasi-judicial authorities
296. In which month is Quami Ekta Week (National Integration Week) observed annually?  
 (a) October  
 (b) November  
 (c) December

- (d)
- January  
 Ans. (b) November
297. Under which category does Hindi fall according to the Constitution of India?  
 (a) National Language of India  
 (b) Mother Tongue of India  
 (c) Official Language of India  
 (d) Oldest Language of India  
 Ans. (c) Official Language of India
298. The President of India appoints the Chief Justice of a High Court under which article?  
 (a) Article 214  
 (b) Article 217  
 (c) Article 222  
 (d) Article 224  
 Ans. (b) Article 217
299. Which article empowers the President of India to grant pardons and other forms of clemency?  
 (a) Article 70  
 (b) Article 72  
 (c) Article 74  
 (d) Article 76  
 Ans. (b) Article 72
300. Which of the following is not included in the Fundamental Duties of an Indian citizen?  
 (a) To promote harmony  
 (b) To safeguard public property  
 (c) To protect freedom of speech and expression  
 (d) To protect and improve the natural environment  
 Ans. (c) To protect freedom of speech and expression
301. The President of India holds the same constitutional authority as which of the following figures?  
 (a) British Monarch  
 (b) President of the United States  
 (c) President of France

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (d) Prime Minister of the UK  
Ans. (a) British Monarch
302. How many parts did the Indian Constitution originally have?  
(a) 22  
(b) 25  
(c) 20  
(d) 12  
Ans. (a) 22
303. Which part of the Indian Constitution deals with Fundamental Rights?  
(a) Part I  
(b) Part III  
(c) Part V  
(d) Part IV  
Ans. (b) Part III
304. The Directive Principles of State Policy are enshrined in which part of the Indian Constitution?  
(a) Part II  
(b) Part IV  
(c) Part VI  
(d) Part VII  
Ans. (b) Part IV
305. Fundamental Duties were added to the Indian Constitution by which amendment?  
(a) 42nd Amendment  
(b) 44th Amendment  
(c) 52nd Amendment  
(d) 61st Amendment  
Ans. (a) 42nd Amendment
306. The Speaker of the Lok Sabha is elected by whom?  
(a) President of India  
(b) Members of Lok Sabha  
(c) Prime Minister of India  
(d) Chief Justice of India  
Ans. (b) Members of Lok Sabha
307. Which part of the Indian Constitution deals with 'The Union'?  
(a) Part I  
(b) Part V

- (c)
- Part VIII  
(d) Part X  
Ans. (b) Part V
308. The Union and its territory are covered under which part of the Indian Constitution?  
(a) Part I  
(b) Part III  
(c) Part V  
(d) Part VII  
Ans. (a) Part I
309. Which schedule of the Indian Constitution contains the list of recognized languages?  
(a) First Schedule  
(b) Eighth Schedule  
(c) Seventh Schedule  
(d) Tenth Schedule  
Ans. (b) Eighth Schedule
310. The provision related to the administration and control of Scheduled Areas and Scheduled Tribes is included in which schedule?  
(a) Fifth Schedule  
(b) Sixth Schedule  
(c) Seventh Schedule  
(d) Ninth Schedule  
Ans. (a) Fifth Schedule
311. Which part of the Indian Constitution deals with 'Emergency Provisions'?  
(a) Part XV  
(b) Part XVIII  
(c) Part XIX  
(d) Part XX  
Ans. (b) Part XVIII
312. Which schedule contains the Union list, State list, and the Concurrent list?  
(a) Second Schedule  
(b) Sixth Schedule  
(c) Seventh Schedule  
(d) Eighth Schedule  
Ans. (c) Seventh Schedule

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

313. Provisions related to elections are covered under which part of the Indian Constitution?

- (a) Part XIII
- (b) Part XIV
- (c) Part XV
- (d) Part XVI

Ans. (c) Part XV

314. The form of oaths or affirmations is mentioned in which schedule of the Indian Constitution?

- (a) First Schedule
- (b) Third Schedule
- (c) Fourth Schedule
- (d) Sixth Schedule

Ans. (b) Third Schedule

315. Which part of the Indian Constitution relates to the Panchayats?

- (a) Part VIII
- (b) Part IX
- (c) Part X
- (d) Part XI

Ans. (b) Part IX

316. Which part of the Indian Constitution was repealed by the 7th Amendment Act of 1956?

- (a) Part VII
- (b) Part VIII
- (c) Part IX
- (d) Part X

Ans. (a) Part VII

317. The official language of the Union is covered under which part of the Indian Constitution?

- (a) Part XVI
- (b) Part XVII
- (c) Part XVIII
- (d) Part XIX

Ans. (b) Part XVII

318. The Municipalities are covered under which part of the Indian Constitution?

- (a) Part IX
- (b) Part IXA
- (c) Part IXB

(d)

Part X

Ans. (b) Part IXA

319. Which part of the Indian Constitution deals with the Comptroller and Auditor-General of India?

- (a) Part V
- (b) Part VI
- (c) Part VII
- (d) Part VIII

Ans. (a) Part V

320. The provisions related to cooperative societies are included in which part of the Indian Constitution?

- (a) Part IX
- (b) Part IXA
- (c) Part IXB
- (d) Part X

Ans. (c) Part IXB

321. Which part of the Indian Constitution deals with Finance, Property, Contracts, and Suits?

- (a) Part X
- (b) Part XI
- (c) Part XII
- (d) Part XIII

Ans. (c) Part XII

322. Who was selected as the torchbearer for the Paris Olympics 2024?

- (a) Abhinav Bindra
- (b) Neeraj Chopra
- (c) PV Sindhu
- (d) Gagan Narang

Answer: (a) Abhinav Bindra

323. Who was appointed as India's Chef-De-Mission for the Paris Olympics 2024?

- (a) Abhinav Bindra
- (b) Neeraj Chopra
- (c) Manu Bhaker
- (d) Gagan Narang

Answer: (d) Gagan Narang

324. Which Indian athlete won a bronze medal in the Women's 10m air pistol shooting event?

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(a) Manu Bhaker<br/>(b) Neeraj Chopra<br/>(c) Aman Sehrawat<br/>(d) Swapnil Kusale<br/>Answer: (a) Manu Bhaker</p> <p>325. Which Indian athlete won a bronze medal in the Mixed team 10m air pistol shooting event?<br/>(a) Manu Bhaker<br/>(b) Sarabjot Singh<br/>(c) Swapnil Kusale<br/>(d) Aman Sehrawat<br/>Answer: (b) Sarabjot Singh</p> <p>326. What was the Indian hockey team's achievement at the Paris Olympics 2024?<br/>(a) Gold Medal<br/>(b) Silver Medal<br/>(c) Bronze Medal<br/>(d) No Medal<br/>Answer: (c) Bronze Medal</p> <p>327. Which athlete won a bronze medal in Men's 57kg wrestling?<br/>(a) Aman Sehrawat<br/>(b) Neeraj Chopra<br/>(c) Manu Bhaker<br/>(d) Swapnil Kusale<br/>Answer: (a) Aman Sehrawat</p> <p>328. Who carried the Indian flag at the opening ceremony of the Paris Olympics 2024?<br/>(a) PV Sindhu<br/>(b) Sharath Kamal<br/>(c) Abhinav Bindra<br/>(d) Manu Bhaker<br/>Answer: (a) PV Sindhu</p> <p>329. Which athlete set a new Olympic record in the Women's 100m butterfly event?<br/>(a) Sarah Sjoestroem<br/>(b) Gretchen Walsh<br/>(c) Mollie O'Callaghan<br/>(d) Katie Ledecky<br/>Answer: (b) Gretchen Walsh</p> | <p>330. Who broke the record in the Men's 400m individual medley?<br/>(a) Michael Phelps<br/>(b) Leon Marchand<br/>(c) Daniel Wiffen<br/>(d) Kristof Milak<br/>Answer: (b) Leon Marchand</p> <p>331. Which country set a new record in the Women's 4x100m freestyle relay?<br/>(a) USA<br/>(b) Australia<br/>(c) China<br/>(d) Canada<br/>Answer: (b) Australia</p> <p>332. Who won a bronze medal in the Men's 50m rifle 3 positions shooting?<br/>(a) Swapnil Kusale<br/>(b) Manu Bhaker<br/>(c) Sarabjot Singh<br/>(d) Aman Sehrawat<br/>Answer: (a) Swapnil Kusale</p> <p>333. Which event did Katie Ledecky set a new Olympic record in?<br/>(a) Women's 800m freestyle<br/>(b) Women's 1500m freestyle<br/>(c) Women's 200m freestyle<br/>(d) Women's 100m butterfly<br/>Answer: (b) Women's 1500m freestyle</p> <p>334. Who won the Men's 200m butterfly event?<br/>(a) Kristof Milak<br/>(b) Daniel Wiffen<br/>(c) Leon Marchand<br/>(d) Michael Phelps<br/>Answer: (c) Leon Marchand</p> <p>335. Which country topped the medal tally at the Paris Olympics 2024?<br/>(a) China<br/>(b) United States of America<br/>(c) Japan<br/>(d) Australia<br/>Answer: (b) United States of America</p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

336. How many total medals did the United States win at the Paris Olympics 2024?

- (a) 126
- (b) 120
- (c) 130
- (d) 115

Answer: (a) 126

337. Which country won 40 gold medals and finished second in the overall medal tally?

- (a) Japan
- (b) China
- (c) Australia
- (d) Great Britain

Answer: (b) China

338. Japan secured which position in the medal tally at the Paris Olympics 2024?

- (a) 1st
- (b) 2nd
- (c) 3rd
- (d) 4th

Answer: (c) 3rd

339. What is the total number of medals won by India at the Paris Olympics 2024?

- (a) 6
- (b) 5
- (c) 4
- (d) 7

Answer: (a) 6

340. Which Indian athlete won a silver medal in Men's javelin throw at the Paris Olympics 2024?

- (a) Aman Sehrawat
- (b) Neeraj Chopra
- (c) Manu Bhaker
- (d) Swapnil Kusale

Answer: (b) Neeraj Chopra

341. How many bronze medals did India win at the Paris Olympics 2024?

- (a) 5
- (b) 4
- (c) 3

(d) 6

Answer: (a) 5

342. Which event did Manu Bhaker win a bronze medal in at the Paris Olympics 2024?

- (a) Women's 10m air rifle
- (b) Women's 10m air pistol
- (c) Women's 50m rifle 3 positions
- (d) Mixed team 10m air pistol shooting

Answer: (b) Women's 10m air pistol

343. What is the theme of the Paris Olympics 2024?

- (a) "Celebrate and Compete"
- (b) "Let's Move and Celebrate"
- (c) "Joy of Sports"
- (d) "Together in Sport"

Answer: (b) "Let's Move and Celebrate"

344. Who are the official mascots of the Paris 2024 Olympics?

- (a) The Phryges
- (b) The Paris Pals
- (c) The Olympic Owls
- (d) The Paris Bears

Answer: (a) The Phryges

345. Which country won the Men's hockey bronze medal at the Paris Olympics 2024?

- (a) Australia
- (b) India
- (c) Netherlands
- (d) Germany

Answer: (b) India

346. What was India's rank in the medal tally at the Paris Olympics 2024?

- (a) 62nd
- (b) 71st
- (c) 50th
- (d) 45th

Answer: (b) 71st

347. Who is the only Indian woman to win two medals in a single Olympic event?

- (a) Mary Kom
- (b) Saina Nehwal
- (c) Manu Bhaker

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (d) P.V. Sindhu  
Answer: (c) Manu Bhaker
348. Which Indian athlete won both gold and silver medals in two consecutive Olympic Games?  
(a) Abhinav Bindra  
(b) Neeraj Chopra  
(c) Vijender Singh  
(d) Milkha Singh  
Answer: (b) Neeraj Chopra
349. Who was disqualified in the 50kg wrestling category at the Olympics after reaching the final?  
(a) Vinesh Phogat  
(b) Sakshi Malik  
(c) Bajrang Punia  
(d) Geeta Phogat  
Answer: (a) Vinesh Phogat
350. What was the cause of Vinesh Phogat's disqualification in the 50kg wrestling category?  
(a) Inappropriate conduct  
(b) Overweight  
(c) Injury  
(d) Violation of rules  
Answer: (b) Overweight
351. In which event did Manu Bhaker win her Olympic medals?  
(a) Women's 25m pistol shooting  
(b) Women's 10m air pistol shooting  
(c) Women's 50m rifle shooting  
(d) Women's 10m air rifle shooting  
Answer: (b) Women's 10m air pistol shooting
352. Which scientist discovered the element Radium?  
(a) André-Louis Debierne  
(b) Kasimir Fajans  
(c) Oswald Helmuth Göhring  
(d) Marie Skłodowska-Curie and Pierre Curie  
Ans. (d) Marie Skłodowska-Curie and Pierre Curie
353. What is the primary protein involved in muscle contraction?

- (a) Myoglobin  
(b) Myosin  
(c) Mucin  
(d) None of the above  
Ans. (b) Myosin
354. Lepidopterology is the scientific study of which group of organisms?  
(a) Ferns  
(b) Animals in stagnant waters  
(c) Lipids and fats  
(d) Moths and butterflies  
Ans. (d) Moths and butterflies
355. Which test is commonly used to diagnose color blindness?  
(a) Widal Test  
(b) ELISA test  
(c) Rorschach test  
(d) Ishihara Test  
Ans. (d) Ishihara Test
356. Penicillin, used as an antibiotic, is obtained from which source?  
(a) Bacteria  
(b) Fungi  
(c) Algae  
(d) Lichens  
Ans. (b) Fungi
357. What type of strain is produced if a deforming force changes the shape of a body without altering its volume?  
(a) Linear  
(b) Volumetric  
(c) Shearing  
(d) All of the above  
Ans. (c) Shearing
358. In a sound wave, what is the time taken for two consecutive compressions or rarefactions to cross a fixed point?  
(a) Amplitude  
(b) Time period  
(c) Angular Frequency



## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (d) Angular Displacement  
Ans. (b) Time period
359. According to Ohm's law, if the resistance of a conductor is doubled, what happens to the current?  
(a) It gets doubled  
(b) It gets halved  
(c) It increases fourfold  
(d) No change  
Ans. (b) It gets halved
360. What are the constituents of the alloy known as German Silver?  
(a) Gold, Aluminium, and Copper  
(b) Zinc, Iron, and Silver  
(c) Bismuth, Antimony, and Tin  
(d) Copper, Nickel, and Zinc  
Ans. (d) Copper, Nickel, and Zinc
361. What is emitted during the beta-decay process?  
(a) Electron  
(b) Positron  
(c) Both a and b  
(d) None  
Ans. (c) Both a and b
362. Which of the following factors does not influence the gravitational force between two objects?  
(a) Gravitational constant  
(b) Distance between the objects  
(c) Product of the masses of the objects  
(d) Sum of the masses of the objects  
Ans. (d) Sum of the masses of the objects
363. What is the Gaussian unit of kinematic viscosity?  
(a) Henry  
(b) Stokes  
(c) Poiseuille  
(d) Watt  
Ans. (b) Stokes
364. What is the correct relationship for the unit curie (Ci)?  
(a)  $1 \text{ Ci} = 3.7 \times 10^7$

- (b) 1
- $\text{Ci} = 2.7 \times 10^9$   
(c)  $1 \text{ Ci} = 2.7 \times 10^7$   
(d)  $1 \text{ Ci} = 3.7 \times 10^{10}$   
Ans. (d)  $1 \text{ Ci} = 3.7 \times 10^{10}$
365. Which type of rays have the highest ionizing power?  
(a) Alpha  
(b) Beta  
(c) Gamma  
(d) All have the same  
Ans. (a) Alpha
366. What is the purpose of a rectifier?  
(a) Converting alternating current into direct current  
(b) Converting direct current into alternating current  
(c) Increasing the power of a signal  
(d) Decreasing the voltage  
Ans. (a) Converting alternating current into direct current
367. What are compounds formed by carbon atoms linked by single bonds called?  
(a) Saturated compounds  
(b) Unsaturated compounds  
(c) Monovalent compounds  
(d) Ionic compounds  
Ans. (a) Saturated compounds
368. Which polymers are used to produce Butyl rubber?  
(a) Butadiene and neoprene  
(b) Butadiene and styrene  
(c) Butadiene and acrylonitrile  
(d) Butadiene and isobutylene  
Ans. (d) Butadiene and isobutylene
369. Which is the most abundant metal in the Earth's crust?  
(a) Iron  
(b) Aluminium  
(c) Copper  
(d) Silicon  
Ans. (b) Aluminium

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

370. Which type of salts are detergents commonly made up of?  
 (a) Ammonium and sulphonate  
 (b) Calcium and magnesium  
 (c) Cobalt and nitrate  
 (d) None of the above  
 Ans. (a) Ammonium and sulphonate
371. What is the correct order of iron content in these minerals?  
 (a) Magnetite > Haematite > Siderite > Limonite  
 (b) Haematite > Magnetite > Siderite > Limonite  
 (c) Haematite > Magnetite > Limonite > Siderite  
 (d) Magnetite > Haematite > Limonite > Siderite  
 Ans. (d) Magnetite > Haematite > Limonite > Siderite
372. Which of the following molecules have electrovalent bonding?  
 (a) NaCl  
 (b) MgO  
 (c) NH<sub>3</sub>  
 (d) Both a and b  
 Ans. (d) Both a and b
373. Which non-metal is liquid at room temperature?  
 (a) Helium  
 (b) Argon  
 (c) Bromine  
 (d) Sulphur  
 Ans. (c) Bromine
374. Which among the following is the hardest metal?  
 (a) Platinum  
 (b) Gold  
 (c) Iron  
 (d) Tungsten  
 Ans. (d) Tungsten
375. Who is considered the father of DNA fingerprinting?

- (a)
- James Watson  
 (b) Hargobind Khurana  
 (c) Alec Jeffreys  
 (d) Nirenberg  
 Ans. (c) Alec Jeffreys
376. Which cell organelle contains RNA?  
 (a) Plastids  
 (b) Mitochondria  
 (c) Ribosomes  
 (d) Lysosomes  
 Ans. (c) Ribosomes
377. What sugar is found in RNA?  
 (a) Hexose  
 (b) Ribose  
 (c) Fructose  
 (d) Glucose  
 Ans. (b) Ribose
378. What factors can affect proteins and nucleic acids but not viruses?  
 (a) Denaturation  
 (b) Enzyme treatment  
 (c) Pressure  
 (d) All of these  
 Ans. (d) All of these
379. In which type of bacteria are fimbriae found?  
 (a) Gram-positive bacteria  
 (b) Gram-negative bacteria  
 (c) Both a and b  
 (d) None of these  
 Ans. (b) Gram-negative bacteria
380. What term describes the phenomenon where larval characteristics remain after sexual maturity?  
 (a) Phylogenesis  
 (b) Neoteny  
 (c) Parthenogenesis  
 (d) Ontogenesis  
 Ans. (b) Neoteny
381. Which state has not implemented the Right to Education (RTE) Act, 2009 as of August 7,

## Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>2024?<br/>                 (a) Punjab<br/>                 (b) Kerala<br/>                 (c) Telangana<br/>                 (d) All of the above<br/>                 Ans. (d) All of the above</p> <p>382. Which of the following is true about Pithora paintings?<br/>                 (a) Depicts natural elements<br/>                 (b) Created using rice paste<br/>                 (c) Originated from Gujarat<br/>                 (d) Includes ceremonial themes<br/>                 Ans: (d) Includes ceremonial themes</p> <p>383. Which tribe is known for creating intricate Warli paintings?<br/>                 (a) Warli<br/>                 (b) Bhil<br/>                 (c) Gond<br/>                 (d) Santhal<br/>                 Ans: (a) Warli</p> <p>384. The primary source of Samaveda is:<br/>                 (a) Ritualistic hymns<br/>                 (b) Chants and melodies<br/>                 (c) Historical narratives<br/>                 (d) Philosophical teachings<br/>                 Ans: (b) Chants and melodies</p> <p>385. In which Veda is the concept of the universe and creation most elaborated?<br/>                 (a) Rigveda<br/>                 (b) Samaveda<br/>                 (c) Yajurveda<br/>                 (d) Atharvaveda<br/>                 Ans: (a) Rigveda</p> <p>386. Which Veda has the text 'Satapatha Brahmana'?<br/>                 (a) Rigveda<br/>                 (b) Samaveda<br/>                 (c) Yajurveda<br/>                 (d) Atharvaveda<br/>                 Ans: (c) Yajurveda</p> <p>387. Which painting style is known for its depiction of local deities and daily life scenes?</p> | <p style="text-align: right;">(a)</p> <p>Madhubani<br/>                 (b) Warli<br/>                 (c) Gond<br/>                 (d) Pithora<br/>                 Ans: (b) Warli</p> <p>388. The main focus of Pattachitra paintings is:<br/>                 (a) Daily life scenes<br/>                 (b) Abstract forms<br/>                 (c) Mythological narratives<br/>                 (d) Historical events<br/>                 Ans: (c) Mythological narratives</p> <p>389. Which of the following is NOT a characteristic of Gond paintings?<br/>                 (a) Bright colors<br/>                 (b) Abstract forms<br/>                 (c) Geometric patterns<br/>                 (d) Natural themes<br/>                 Ans: (c) Geometric patterns</p> <p>390. Which Veda is considered the oldest of the four Vedas?<br/>                 (a) Samaveda<br/>                 (b) Yajurveda<br/>                 (c) Atharvaveda<br/>                 (d) Rigveda<br/>                 Ans: (d) Rigveda</p> <p>391. Which Veda is primarily concerned with rituals and ceremonies?<br/>                 (a) Rigveda<br/>                 (b) Samaveda<br/>                 (c) Yajurveda<br/>                 (d) Atharvaveda<br/>                 Ans: (c) Yajurveda</p> <p>392. Which of the following is NOT part of the Vedic texts?<br/>                 (a) Brahmanas<br/>                 (b) Aranyakas<br/>                 (c) Upanishads<br/>                 (d) Mahabharata<br/>                 Ans: (d) Mahabharata</p> <p>393. Which Vedic text is primarily known for its philosophical and mystical content?</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Weekly Practice Quiz For OSSSC RI,ARI, Amin: September-5

- (a) Brahmanas  
(b) Aranyakas  
(c) Upanishads  
(d) Samhitas  
Ans: (c) Upanishads
394. Which style is characterized by a strong use of natural pigments and symbols?  
(a) Madhubani  
(b) Warli  
(c) Gond  
(d) Pattachitra  
Ans: (c) Gond
395. The main purpose of rituals described in the Yajurveda is:  
(a) Philosophical discourse  
(b) Magical formulas  
(c) Religious ceremonies  
(d) Musical chants  
Ans: (c) Religious ceremonies
396. The Rigveda primarily consists of:  
(a) Hymns and chants  
(b) Ritualistic procedures  
(c) Philosophical teachings  
(d) Magical spells  
Ans: (a) Hymns and chants
397. Which of the following is a major theme in Warli art?  
(a) Nature and animals  
(b) Historical events  
(c) Abstract forms  
(d) Religious themes  
Ans: (a) Nature and animals
398. Which Vedic text includes the 'Brihadaranyaka Upanishad'?  
(a) Samaveda  
(b) Rigveda  
(c) Yajurveda  
(d) Atharvaveda  
Ans: (c) Yajurveda
399. Which Veda's hymns are used in Vedic rituals and sacrifices?  
(a) Atharvaveda

- (b) Yajurveda  
(c) Rigveda  
(d) Samaveda  
Ans: (b) Yajurveda
400. Which Vedic text is known for its magical and medicinal formulas?  
(a) Rigveda  
(b) Samaveda  
(c) Yajurveda  
(d) Atharvaveda  
Ans: (d) Atharvaveda