

# TNPSC Group-4 2016 Answer Key – Download in PDF

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101. How many electrons are there in one coulomb charge?

- (A)  $1.6 \times 10^{-19}$  electrons
- (B)  $6.25 \times 10^{18}$  electrons
- (C)  $6.25 \times 10^{-18}$  electrons
- (D)  $1.6 \times 10^{19}$  electrons

**Answer: (B)  $6.25 \times 10^{18}$  electrons**

102. A bullet of mass 15g is horizontally fired with velocity  $100 \text{ ms}^{-1}$  from a pistol of mass 2 kg. Total momentum of the pistol and bullet before firing is equal to

- (A) zero
- (B)  $201.5 \text{ kg ms}^{-1}$
- (C)  $215 \text{ kg ms}^{-1}$
- (D)  $200 \text{ kg ms}^{-1}$

**Answer: (A) zero**

103. What is the chemical name of DDT?

- (A) Dichloro diphenyl trichloro ethane
- (B) Dichloro diphenyl tribromo ethane
- (C) Diphenyl dichloro trichloro ethane
- (D) Diphenyl dibromo trichloro ethane

**Answer: (A) Dichloro diphenyl trichloro ethane**

104. What are Microsporum, Epidermophyton?

- (A) Disease causing bacteria in man
- (B) Disease causing fungi in man
- (C) Disease causing virus in man
- (D) Disease causing protozoans in man

**Answer: (B) Disease causing fungi in man**

105. Ovulation is stimulated by

- (A) LH
- (B) LTH
- (C) Renin
- (D) Adrenalin

**Answer: (A) LH**

106. Which gymnospermic plant cures rheumatism?

- (A) Araucaria
- (B) Ephedra
- (C) Gnetum
- (D) Pinus

**Answer: (B) Ephedra**

107. A special root-like structure in cuscuta and viscum is called

- (A) Rhizoids
- (B) Haustoria
- (C) Hyphae
- (D) Stolens

**Answer: (B) Haustoria**

108. Which of the following is observed as "National Girl Child Day"?

- (A) 8<sup>th</sup> January
- (B) 21<sup>st</sup> January
- (C) 22<sup>nd</sup> January
- (D) 24<sup>th</sup> January

**Answer: (D) 24<sup>th</sup> January**

109. Which of the following was discovered by ONGC in the Indian Ocean on 26<sup>th</sup> July 2016?

- (A) Hydrated Methane
- (B) Hydrated Benzene
- (C) Hydrated Ether
- (D) Hydrated Octane

**Answer: (A) Hydrated Methane**

110. Which bill was passed in the Parliament of India in 2016 to adopt Uniform Tax of States?

- (A) Goods and Sales Tax
- (B) Goods and Services Tax
- (C) Direct Tax
- (D) Indirect Tax

**Answer: (B) Goods and Services Tax**

111. Which State Governor was appointed as Tamilnadu Governor additional charge in September, 2016?

- (A) Kerala
- (B) Karnataka
- (C) Maharashtra
- (D) Madhya Pradesh

**Answer: (C) Maharashtra**

112. Which Musician was honoured in August 2016, by United Nations Organization for her contribution to music?

- (A) M.S. Subbulakshmi
- (B) Asha Bhosle
- (C) Lata Mangeshkar
- (D) M.S. Rajalakshmi

**Answer: (A) M.S. Subbulakshmi**

113. Identify the 2016 Dhronacharya Awardee

- (A) Bishweshwar Nandi
- (B) Lalitha Babar
- (C) Rani Rampal
- (D) P.V. Sindhu

**Answer: (A) Bishweshwar Nandi**

114. The Asian Junior Chess Championships, May 2016 was held at

- (A) Chennai
- (B) Mumbai
- (C) Kolkatta
- (D) New Delhi

**Answer: (D) New Delhi**

115. Which country's Badminton player was defeated by P.V. Sindhu in the semi-final at the Rio 2016 Olympics games?

- (A) Spain
- (B) America
- (C) Africa
- (D) Japan

**Answer: (D) Japan**

116. In July 2016, Theresa May was appointed as the ----- Woman Prime Minister of UK (Britain).

- (A) first
- (B) second
- (C) tenth
- (D) sixth

**Answer: (B) second**

117. The Third Asian Ministerial Conference on Tiger Conservation 2016 was held

- (A) From April 9<sup>th</sup> to 12<sup>th</sup> 2016 at Orissa
- (B) From April 14<sup>th</sup> to 17<sup>th</sup> 2016 at Calcutta
- (C) From April 11<sup>th</sup> to 14<sup>th</sup> 2016 at New Delhi
- (D) From April 6<sup>th</sup> to 9<sup>th</sup> 2016 at Mumbai

**Answer: (C) From April 11<sup>th</sup> to 14<sup>th</sup> 2016 at New Delhi**

118. Indian Constitution Drafting committee's Chairman

- (A) Dr. Rajendra Prasad
- (B) Jawaharlal Nehru
- (C) Dr. B.R. Ambedkar
- (D) Gandhi

**Answer: (C) Dr. B.R. Ambedkar**

119. Which year the Constitution of India (61<sup>st</sup> Amendment Act) lowered the voting age from 21 years to 18 years?

- (A) 1988
- (B) 1987
- (C) 1986
- (D) 1985

**Answer: (A) 1988**

120. Article 63 of the Indian Constitution refers to

- (A) Vice – President
- (B) President
- (C) Prime Minister
- (D) Governor

**Answer: (A) Vice – President**

- 121.** Who is the chairperson of Niti Aayog?  
 (A) President  
 (B) Prime Minister  
 (C) Vice president  
 (D) Supreme Court Judgea

**Answer: (B) Prime Minister**

- 122.** The writ of Habeas Corpus is  
 (A) To safeguard people from illegal arrest  
 (B) The petitioner who requires legal help to get his work done by respective Public Authorities  
 (C) It probability a subordinate court from acting beyond its jurisdiction  
 (D) It prevents usurpation of public office

**Answer: (A) To safeguard people from illegal arrest**

- 123.** Match the following:  
 (a) To eradicate the inequality in the society  
 (b) Women depend on male companions  
 (c) To Stop the customs of child marriage  
 (d) Cancer institute at Adyar
1. Beliefs passed through the generation  
 2. It proclaims the fame of Dr. Muthulakshmi  
 3. Social justice  
 4. Prohibition

	(a)	(b)	(c)	(d)
(A)	3	1	4	2
(B)	2	3	1	4
(C)	1	4	2	3
(D)	4	2	3	1

**Answer: (A) 3 1 4 2**

- 124.** Which is known as the "Murmuring Auditorium"?  
 (A) Golkonda  
 (B) Golkumbas  
 (C) Gulberga  
 (D) Jumma Masjid

**Answer: (B) Golkumbas**

- 125.** Which Mughal King killed the Sikh Guru Tegh Bahadur?  
 (A) Akbar  
 (B) Aurangazeb  
 (C) Shahjahan  
 (D) Jahangir

**Answer: (B) Aurangazeb**

- 126.** The Pallava inscription at \_\_\_\_\_ refers to a great musician Rudracharya.  
 (A) Kudumiyan Malai  
 (B) Mamandur  
 (C) Uthiramerur  
 (D) Mahendravadi

**Answer: (A) Kudumiyan Malai**

- 127.** During the age of Kalabharas, a Jain monk who established Dravida Sangha at Madurai was  
 (A) Vajranandhi  
 (B) Parsava Munivar  
 (C) Mahavir  
 (D) Maha Kasabar

**Answer: (A) Vajranandhi**

- 128.** The leading producers of Jute in the world is  
 (A) India and Bangladesh  
 (B) Srilanka and Pakistan  
 (C) China and Japan  
 (D) Singapore and Malaysia

**Answer: (A) India and Bangladesh**

- 129.** Asteroids are found between  
 (A) Mars and Jupiter  
 (B) Earth and Mars  
 (C) Jupiter and Saturn  
 (D) Mercury and Venus

**Answer: (A) Mars and Jupiter**

130. Match the following :

- |                      |                |
|----------------------|----------------|
| (a) Kandla           | 1. Maharashtra |
| (b) Jawaharlal Nehru | 2. Gujarat     |
| (c) Paradip          | 3. West Bengal |
| (d) Haldia           | 4. Orissa      |

- |     |     |     |     |     |
|-----|-----|-----|-----|-----|
|     | (a) | (b) | (c) | (d) |
| (A) | 3   | 2   | 4   | 1   |
| (B) | 4   | 1   | 3   | 2   |
| (C) | 2   | 3   | 1   | 4   |
| (D) | 2   | 1   | 4   | 3   |

**Answer: (D) 2 1 4 3**

131. Match :

- |                         |                         |
|-------------------------|-------------------------|
| (a) Sathya Sodhak Samaj | - 1. Ramalinga Adigal   |
| (b) Jeeva Karunyam      | - 2. Jyotiba Phule      |
| (c) Dharma Paribalanam  | - 3. Swami Vivekanandha |
| (d) Jeeva is Siva       | - 4. Sri Narayana Guru  |

- |     |     |     |     |     |
|-----|-----|-----|-----|-----|
|     | (a) | (b) | (c) | (d) |
| (A) | 2   | 1   | 4   | 3   |
| (B) | 2   | 4   | 3   | 1   |
| (C) | 4   | 1   | 2   | 3   |
| (D) | 1   | 3   | 2   | 4   |

**Answer: (A) 2 1 4 3**

132. Which year has a special significance in Indian Economy as far as Economic Reforms are concerned?

- (A) 1952  
(B) 1981  
(C) 1991  
(D) 2001

**Answer: (C) 1991**

133. Where is the diamond cutting industry located in India?

- (A) Lucknow  
(B) Surat  
(C) Ludiyana  
(D) Chandigar

**Answer: (B) Surat**

134. Net National Product is

- (A) Gross Domestic Product – Depreciation  
(B) Gross National Product – Depreciation  
(C) Net National Product – Depreciation  
(D) Net Domestic Product – Depreciation

**Answer: (B) Gross National Product – Depreciation**

135. When a person lives below the minimum subsistence level he is said to live in

- (A) Absolute Poverty  
(B) Relative Poverty  
(C) Abstract Poverty  
(D) True Poverty

**Answer: (A) Absolute Poverty**

136.  $[-1(2/7)] + [-3(5/7)] + [6(4/7)]$  is

- (A) 3/7  
(B) 5/7  
(C) 11/7  
(D) 19/7

**Answer: (C) 11/7**

137. The population of a city in the year 2014 is 1,80,000 and increases at a rate 20% per year.

- (A) 2,40,000  
(B) 2,59,200  
(C) 2,55,000  
(D) 2,54,300

**Answer: (B) 2,59,200**

138. 3 --- 25 here, which of the following number is suitable in ---, so that the number will be a perfect square?

- (A) 1  
(B) 0  
(C) 4  
(D) 6

**Answer: (B) 0**

139. The average mark of 10 children is 80 then their total mark is

- (A) 200
- (B) 300
- (C) 800
- (D) 400

**Answer: (C) 800**

140. A man and woman are engaged in a work. A man can do a piece of work in 4 days and the woman can do in 12 days. Find how many days will they take to finish it together?

- (A) 6 days
- (B) 5 days
- (C) 4 days
- (D) 3 days

**Answer: (D) 3 days**

141. Which of the following set of measurements will form a right angle triangle?

- (A) 6, 9, 12
- (B) 5, 8, 10
- (C) 5, 5,  $5\sqrt{2}$
- (D) 3, 4,  $4\sqrt{2}$

**Answer: (C) 5, 5,  $5\sqrt{2}$**

142. The value of

The value of  $\sqrt{609} + \sqrt{248} + \sqrt{60} + \sqrt{7} + \sqrt{81}$

- (A) 20
- (B) 25
- (C) 16
- (D) 9

**Answer: (B) 25**

143. The price of a house is decreased from rupees fifteen lakhs to rupees twelve lakhs. The percentage of decrease is

- (A) 10 %
- (B) 20 %
- (C) 30 %
- (D) 40 %

**Answer: (B) 20 %**

144. If  $3(t - 3) = 5(2t + 1)$  then  $t = ?$

- (A) -2
- (B) 2
- (C) -3
- (D) 3

**Answer: (A) -2**

145. The value of  $(1.75 * 1.75 + 2 * 1.75 * 0.75 + 0.75 * 0.75) / (1.75 * 1.75 - 0.75 * 0.75)$

- (A) 3.5
- (B) 6.25
- (C) 1
- (D) 2.5

**Answer: (D) 2.5**

146. The value of  $16^3 + 7^3 - 23^3$  is

- (A) -7728
- (B) 7028
- (C) 7728
- (D) -7718

**Answer: (A) -7728**

147. Find the next term of 4 in the series is 1, 1, 2, 8, 3, 27, 4, .....

- (A) 31
- (B) 29
- (C) 16
- (D) 64

**Answer: (D) 64**

148. Three angles of a triangle are  $x - 30^\circ$ ,  $x - 45^\circ$ ,  $x + 15^\circ$ , find the value of  $x$ .

- (A)  $60^\circ$
- (B)  $40^\circ$
- (C)  $80^\circ$
- (D)  $100^\circ$

**Answer: (C)  $80^\circ$**

149. The difference between simple interest and compound interest for a sum of Rs. 12,000 lent at 10 % per annum in 2 years, is

- (A) RS. 80
- (B) Rs. 90
- (C) Rs. 120
- (D) Rs. 100

**Answer: (C) Rs. 120**

150. If you stand in a rectangular room, where two adjacent walls are covered with plane mirrors, the total number of your images will be,

- (A) infinity
- (B) 1
- (C) 3
- (D) 0

**Answer: (C) 3**

151. Audible range of rabbit is

- (A) 100 – 32,000 Hz
- (B) 1,000 – 1,50,000 Hz
- (C) 1,000 – 1,00,000 Hz
- (D) 900 – 2,00,000 Hz

**Answer: (A) 100 – 32,000 Hz**

152. Why vegetables and fruits turn brown on cutting?

- (A) Due to the reaction between phenolic compound and oxygen in air
- (B) Due to the formation of inorganic compound
- (C) Due to the formation of salts
- (D) Due to the formation of bases

**Answer: (A) Due to the reaction between phenolic compound and oxygen in air**

153. Among the following which one is not a biofertilizer?

- (A) Anabaena
- (B) Nostoc
- (C) Lindane
- (D) Rhizobium

**Answer: (C) Lindane**

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**154.** Consider the statements:

- (a) Sterility is caused by the deficiency of Vitamin K.  
 (b) Night blindness is caused by the deficiency of Vitamin D.

- (A) Both (a) and (b) are false  
 (B) (a) is false and (b) is true  
 (C) (a) is true and (b) is false  
 (D) Both (a) and (b) are true

**Answer: (A) Both (a) and (b) are false**

**155.** The valve which regulates the blood flow from right ventricle to the pulmonary artery

- (A) Semi-lunar valve  
 (B) Auriculo-ventricular valve  
 (C) Bi Cuspid valve  
 (D) Tri Cuspid valve

**Answer: (A) Semi-lunar valve**

**156.** Match List I and List II:

List I

List II

- |                                   |                                   |
|-----------------------------------|-----------------------------------|
| (a) Glycolysis                    | 1. O <sub>2</sub> is not utilized |
| (b) Krebs' Cycle                  | 2. ATP are produced               |
| (c) Electron transport acid Chain | 3. Oxidation of pyruvic acid      |
| (d) Fermentation                  | 4. Occurs in cytoplasm            |

- |     |     |     |     |     |
|-----|-----|-----|-----|-----|
|     | (a) | (b) | (c) | (d) |
| (A) | 3   | 4   | 2   | 1   |
| (B) | 4   | 3   | 2   | 1   |
| (C) | 1   | 3   | 4   | 2   |
| (D) | 2   | 4   | 1   | 3   |

**Answer: (B) 4 3 2 1**

**157.** Who among the Indian-born American scientist bagged the prestigious award Lemelson-MIT prize worth 5,00,000 dollars?

- (A) Ajit Doval  
 (B) Mohamed Nasheed  
 (C) Ramesh Raskar  
 (D) Jagdish Tytler

**Answer: (C) Ramesh Raskar**

**158.** Who won the GD Birla Award for Scientific Research for the year 2016?

- (A) Sanjeev Galande  
 (B) Raghavan Varadarajan  
 (C) Sriram Ramasamy  
 (D) Sanjay Mittal

**Answer: (D) Sanjay Mittal**

**159.** Who is the Chief Information Commissioner of India in September 2016?

- (A) P.K.Sinha  
 (B) R.K.Narayanan  
 (C) R.K.Mathur  
 (D) R.K.Koul

**Answer: (C) R.K.Mathur**

**160.** "Operation calm down" is associated with which state?

- (A) Tamil nadu  
 (B) Andhra Pradesh  
 (C) Jammu Kashmir  
 (D) Bihar

**Answer: (C) Jammu Kashmir**

**161.** Name the battery that shuts down on over heating and restarts when the temperature becomes cool

- (A) Sodium ion  
 (B) Lithium ion  
 (C) Carbon ion  
 (D) Potassium ion

**Answer: (B) Lithium ion**

**162.** Name the person who was appointed as the ambassador on behalf of India to work for the cause of gender equality and progress of women in UNO for the year 2016

- (A) Aishwarya Rai  
 (B) Priyanka Chopra  
 (C) Aishwarya Dhanush  
 (D) Sania Mirza

**Answer: (C) Aishwarya Dhanush**



- 163.** What is the name of Ganga river cleaning scheme?  
 (A) Namami Ganga Scheme  
 (B) Poorva Ganga Scheme  
 (C) Apoorva Ganga Scheme  
 (D) Ganga Yamuna Scheme

**Answer: (A) Namami Ganga Scheme**

- 164.** The INSAT-3DR was launched through rocket for Meterological Research on 8<sup>th</sup> September, 2016 by which rocket?  
 (A) GSLV-F05  
 (B) PSLV-4  
 (C) Ariane  
 (D) GSLV-3

**Answer: (A) GSLV-F05**

- 165.** Who won the Rajiv Gandhi Khel Rathna Award for Badminton in the year 2016?  
 (A) Sakshi Malik  
 (B) Mary Kom  
 (C) Pradeep Kumar  
 (D) P.V. Sindhu

**Answer: (D) P.V. Sindhu**

- 166.** Which year has been declared by UNO as the "International Year of Pulses"?  
 (A) 2012  
 (B) 2013  
 (C) 2016  
 (D) 2015

**Answer: (C) 2016**

- 167.** Match the Following:

Part I		Part II	
(a) Raj Bhavan		1. President	
(b) Rashtrapathy Bhavan		2. Governor	
(c) Impeachment		3. Union Territories	
(d) Lt. Governor		4. Violation of Constitution	

	(a)	(b)	(c)	(d)
(A)	1	4	3	2
(B)	2	3	4	1
(C)	4	2	3	1
(D)	2	1	4	3

**Answer: (D) 2 1 4 3**

- 168.** The election process at the state level is supervised by  
 (A) Chief Election Commissioner  
 (B) Supreme Court Judge  
 (C) Chief Electoral Officer  
 (D) High Court Judge

**Answer: (C) Chief Electoral Officer**

- 169.** Find out the correct statement  
 The Indian Constitution contains  
 (A) XXII parts, 449 Articles and 12 Schedules  
 (B) XXI parts, 438 Articles and 8 Schedules  
 (C) XXIII parts, 469 Articles and 21 Schedules  
 (D) XX parts, 428 Articles and 18 Schedules

**Answer: (A) XXII parts, 449 Articles and 12 Schedules**

- 170.** Which of the following is incorrectly matched?  
 (A) Assassination of Gandhiji - January 30, 1948  
 (B) Republic Day - January 26, 1950  
 (C) Independence Day - August 15, 1947  
 (D) Constituent Assembly adopted National Anthem - January 23, 1950

**Answer: (D) Constituent Assembly adopted National Anthem - January 23, 1950**

- 171.** Which of the following is correctly matched?  
 (A) The President - Guardian of our constitution  
 (B) The Chief Minister - Appointed by the Governor  
 (C) Supreme Court - Unique Identification  
 (D) National Anthem - Bankim Chandra Chatterjee

**Answer: (B) The Chief Minister - Appointed by the Governor**

- 172.** Consumer Courts are set up in ----- tier system.  
 (A) Two  
 (B) Three  
 (C) Four  
 (D) Five

**Answer: (B) Three**

- 173.** The Tanjore king who helped Vijayanagar king in the battle of Thalaikottai was  
 (A) Sevappa Nayak  
 (B) Achutappa Nayak  
 (C) Ragunatha Nayak  
 (D) King Sarfoji

**Answer: (B) Achutappa Nayak**

- 174.** Which of these describes the conquest and victories of Samudra Gupta?  
 (A) Uthiramerur inscription  
 (B) Allahabad Pillar inscription  
 (C) Ihola inscription  
 (D) Ashoka inscription

**Answer: (B) Allahabad Pillar inscription**

- 175.** Who was the last Sultan of Delhi Sultanate?  
 (A) Ibrahim Lodi  
 (B) Sikkandar Lodi  
 (C) Ibrahim Ali  
 (D) Dowlath Khan Lodi

**Answer: (A) Ibrahim Lodi**

- 176.** Who built the Nalanda University?  
 (A) Kumara Gupta  
 (B) Shri Gupta  
 (C) Chandra Gupta  
 (D) Samudra Gupta

**Answer: (A) Kumara Gupta**

- 177.** Ox – bow lakes are formed in the  
 (A) Valley region  
 (B) Mountain region  
 (C) Plain region  
 (D) Delta region

**Answer: (C) Plain region**

- 178.** The shortest National Highway is  
 (A) NH 48  
 (B) NH 9  
 (C) NH 45 A  
 (D) NH 47 A

**Answer: (D) NH 47 A**

- 179.** Match the following:

- |                       |                    |
|-----------------------|--------------------|
| (a) Grey revolution   | 1.Oil seeds        |
| (b) Golden revolution | 2.Eggs and poultry |
| (c) Yellow revolution | 3.Marine Pproducts |
| (d) Blue revolution   | 4.Horticulture     |

- |       |     |     |     |
|-------|-----|-----|-----|
| (a)   | (b) | (c) | (d) |
| (A) 2 | 4   | 1   | 3   |
| (B) 4 | 2   | 3   | 1   |
| (C) 3 | 1   | 4   | 2   |
| (D) 2 | 1   | 4   | 3   |

**Answer: (A) 2 4 1 3**

- 180.** National motto " Satyameva Jayate" hence forth appears as " Vaimaye Vellum" in Tamil was announced by

- (A) Arabind Ghosh  
 (B) Periyar  
 (C) Kamaraj  
 (D) Annadurai

**Answer: (D) Annadurai**

- 181.** Where was Dr. B. R. Ambedkar born?

- (A) Mhow  
 (B) Makkavu  
 (C) Sarayu  
 (D) Lucknow

**Answer: (A) Mhow**

- 182.** How many years V. O. C. was sentenced to imprisonment?

- (A) 30  
 (B) 35  
 (C) 40  
 (D) 34

**Answer: (C) 40**

- 183.** Who remarked "The light has gone out of our lives and there is darkness everywhere"?

- (A) Vallabai Patel  
 (B) Dr. Rajendra Prasad  
 (C) Mount Batten  
 (D) Jawaharlal Nehru

**Answer: (D) Jawaharlal Nehru**

- 184.** Who chaired the first session of the Indian National Congress held at Bombay?  
 (A) Madan Mohan Malavya  
 (B) W.C. Banerjee  
 (C) Pherozeshah Mehta  
 (D) Surendranath Banerjee

**Answer: (B) W.C. Banerjee**

- 185.** In India the organisation which was responsible for self-sufficiency in food production was  
 (A) CSIR  
 (B) ICAR  
 (C) ISRO  
 (D) ICMR

**Answer: (B) ICAR**

- 186.** As explained by Robert Malthus, Population increases in the  
 (A) Proportionate ratio  
 (B) Geometric ratio  
 (C) Arithmetic ratio  
 (D) Smaller ratio

**Answer: (B) Geometric ratio**

- 187.** Which plan was implemented after the Annual Plans of 1966-69?  
 (A) Second Five Year Plan  
 (B) Fifth Five Year Plan  
 (C) Third Five Year Plan  
 (D) Fourth Five Year Plan

**Answer: (D) Fourth Five Year Plan**

- 188.** "Bachpan Bachao Andolan" is an organisation that fights against  
 (A) Child labour  
 (B) Bonded labour  
 (C) Child marriage  
 (D) Poverty

**Answer: (A) Child labour**

- 189.** The base of a triangle is four times its height and its area is  $50\text{m}^2$ . The length of the base is  
 (A) 10 m  
 (B) 15 m  
 (C) 20 m  
 (D) 25 m

**Answer: (C) 20 m**

- 190.** A can do a piece of work in 20 days and B can do it in 25 days. Both of them finished the work and earned Rs. 3600. Then A's Share is  
 (A) Rs. 1,600  
 (B) Rs. 2,000  
 (C) Rs. 3,000  
 (D) Rs. 3,100

**Answer: (B) Rs. 2,000**

- 191.** If  $(7/12)^{-4} * (7/12)^{3x} = (7/12)^5$   
 (A) -1  
 (B) 1  
 (C) 2  
 (D) 3

**Answer: (D) 3**

- 192.** If 22 men can build a wall of 110 meters in 10 days. The length of a similar wall built by 30 men in 6 days is  
 (A) 100 mts  
 (B) 90 mts  
 (C) 80 mts  
 (D) 70 mts

**Answer: (B) 90 mts**

- 193.** If the ratio of length and breadth of a rectangle is 4 : 7. Find the length while its breadth is 77 cm.  
 (A) 22 cm  
 (B) 33 cm  
 (C) 44 cm  
 (D) 55 cm

**Answer: (C) 44 cm**

194. A room is 5 m 40 cm long and 4 m 50 cm broad. Its Area is  
(A) 23.4 m<sup>2</sup>  
(B) 24.3 m<sup>2</sup>  
(C) 25 m<sup>2</sup>  
(D) 98.01 m<sup>2</sup>

**Answer: (B) 24.3 m<sup>2</sup>**

195. Simplify  
 $5 \frac{1}{4} + 4 \frac{3}{4} + 7 \frac{5}{8} + 6 \frac{7}{8} \div 11 \frac{3}{4}$   
(A) 98/47  
(B) 108/49  
(C) 98/45  
(D) 96/47

**Answer: (A) 98/47**

196. Find the rate of interest at which, a sum of money becomes  $\frac{9}{4}$  times in 2 years.  
(A) 69  $\frac{1}{2}$  %  
(B) 67  $\frac{1}{2}$  %  
(C) 62  $\frac{1}{2}$  %  
(D) 61  $\frac{1}{2}$  %

**Answer: (C) 62  $\frac{1}{2}$  %**

197. The breadth, height and volume of a cuboid are 10 cm, 11 cm and 3080 cm<sup>3</sup> respectively. Find the length of the cuboid.  
(A) 21 cm  
(B) 28 cm  
(C) 24 cm  
(D) 30 cm

**Answer: (B) 28 cm**

198. Which medicine is known as "THE QUEEN OF DRUGS"?  
(A) ATROPIN  
(B) POLYMYXIN  
(C) STREPTOMYCIN  
(D) PENICILLIN

**Answer: (D) PENICILLIN**

199. A man bought an old bicycle for Rs. 1, 500. He spends Rs. 500 on its repair and sells it for Rs. 1,800. Find the percentage of his loss.  
(A) 10%  
(B) 15%  
(C) 20%  
(D) 5%

**Answer: (A) 10%**

200. Find the LCM of  $a^3b^4$ ,  $ab^5$  and  $a^2b^7$   
(A)  $a^7 b^3$   
(B)  $a^3b^7$   
(C)  $a^2b^5$   
(D)  $ab^5$

**Answer: (B)  $a^3b^7$**