

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

**ENGLISH**

S.No	QUESTIONS	ANSWER
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**Using PREPOSITIONS fill in the blanks**

- |    |   |          |
|----|---|----------|
| 1  | My motor cycle is ..... Repair<br>(a) under            (b) in                    (C) the                    (d) for             | <b>a</b> |
| 2  | The birds are flying ..... the trees<br>(a) over                (b) above                (C) with                (d) to         | <b>b</b> |
| 3  | I have injury ..... the knee<br>(a) along              (b) below                (C) from                (d) for                 | <b>b</b> |
| 4  | I came to the school ..... 9'o clock<br>(a) at                    (b) the                    (C) from                (d) with   | <b>a</b> |
| 5  | I am going ..... Movie<br>(a) to                    (b) on                    (C) into                (d) with                  | <b>a</b> |
| 6  | I gone ..... The letter<br>(a) through            (b) thorough            (C) about                (d) above                    | <b>a</b> |
| 7  | I laid the fencing ..... my house<br>(a) around            (b) on the                (C) with                (d) into           | <b>a</b> |
| 8  | I went to the function ..... with friend<br>(a) along              (b) with                (C) to                    (d) the    | <b>a</b> |
| 9  | I am in Hyderabad ..... 30 years<br>(a) from                (b) since                (C) with                (d) into           | <b>b</b> |
| 10 | I jumped ..... The water<br>(a) on                    (b) in                    (C) into                (d) with                | <b>c</b> |
| 11 | Mumbai is ..... Beautiful city<br>(a) the                    (b) a                    (C) with in                (d) for        | <b>b</b> |
| 12 | He bought ..... umberalla yesterday<br>(a) to                    (b) the                    (C) an                    (d) a     | <b>c</b> |
| 13 | It is the longest river ..... World<br>(a) on                    (b) in the                (C) to                    (d) to the | <b>b</b> |
| 14 | He wants to be ..... Engineer<br>(a) a                    (b) the                    (C) an                    (d) for          | <b>c</b> |
| 15 | wisdom is ..... Gift of god<br>(a) for                    (b) that                (C) a                    (d) none             | <b>c</b> |
| 16 | The police was attacked ..... The mob<br>(a) with                (b) to                    (C) with in                (d) by    | <b>d</b> |
| 17 | The old man will recover ..... A week<br>(a) with in              (b) with the              (C) without              (d) to the | <b>a</b> |
| 18 | I am fond ..... reading book<br>(a) to                    (b) the                    (C) with                (d) of             | <b>d</b> |

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**Exersice on Sentence Completion**

- 19 ..... He is in Bombay that he calls his uncle charles.  
 (a) While (b) as soon as (C) no sooner (d) wherever **a**
- 20 Though she was most eager to reveal the secret she exercised some.....  
 (a) check (b) restraint (C) moderation (d) tolerance **b**
- 21 The old gentleman ..... To be as very good friend of my grandfather  
 (a) turned out (b) turned over (C) turned up (d) turned in **a**
- 24 March, 1989, the gas tragedy at Bhopal took place 21 years .....  
 (a) past (b) ago (C) before (d) since **b**
- 25 Proposals are being ..... for public comment  
 (a) laid (b) up (C) advised (d) drawn out **d**
- 26 All of a sudden fire ..... In my neighbours farm.  
 (a) broke away (b) broke through (C) broke down (d) broke out **d**
- 27 In the attack the enemy were completely wiped .....  
 (a) off (b) away (C) over (d) out **d**
- 28 She was extremely naughty and always ..... Some mischief or other  
 (a) In for (b) up to (C) up at (d) up for **b**
- 29 He congratulated his friend ..... The latters success.  
 (a) about (b) for (C) on (d) against **c**
- 30 the legend has been ..... From father to son.  
 (a) handed in (b) handed out (C) handed over (d) handed down **c**
- 31 She is suffering ..... Fever  
 (a) **from** (b) for (C) of (d) to **a**
- 32 I saw a ..... Of sheep grazing in the field  
 (a) flock (b) pack (C) group (d) herd **a**
- 33 He cannot pass ..... He works hard.  
 (a) so long (b) unless (C) without (d) so long as **b**
- 34 I met him only ..... other day  
 (a) at (b) the (C) an (d) on **b**
- 35 He hankers ..... Other day  
 (a) over (b) for (C) after (d) about **c**
- 36 Exerise is good ..... health  
 (a) to (b) for (C) in (d) of **b**
- 37 The station master is holding ..... Green flag  
 (a) for (b) on (C) an (d) a **d**
- 38 The elephant is standing ..... the board  
 (a) on (b) in (C) an (d) is **a**

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**Using CONJUNCTIONS fill in the blanks**

- |    |  |             |                |              |                |          |
|----|--|-------------|----------------|--------------|----------------|----------|
| 39 | God made the country ..... Man made the town | (a) and     | (b) to         | (C) the      | (d) with       | <b>a</b> |
| 40 | she must weep ..... She will die             | (a) to      | (b) into       | (C) or       | (d) the        | <b>c</b> |
| 41 | This is the house ..... jack built.          | (a) the     | (b) which      | (C) was      | (d) who        | <b>b</b> |
| 42 | This is the place ..... he was murdered.     | (a) where   | (b) either     | (C) niether  | (d) whom       | <b>a</b> |
| 43 | we ..... Love and honour him                 | (a) both    | (b) to         | (C) the      | (d) with       | <b>a</b> |
| 44 | I don't care ..... You go or stay            | (a) where   | (b) which      | (C) though   | (d) whether    | <b>d</b> |
| 45 | Rama ..... Govind was present there.         | (a) as well | (b) as soon as | (C) as where | (d) as well as | <b>d</b> |
| 46 | He ran away ..... He was afraid.             | (a) because | (b) become     | (C) between  | (d) before     | <b>a</b> |
| 47 | I waited for my friend ..... He came         | (a) unuse   | (b) unless     | (C) unwanted | (d) untill     | <b>d</b> |
| 48 | will you wait ..... I return?                | (a) till    | (b) to         | (C) the      | (d) for        | <b>a</b> |

**Opposite words**

- |    |           |                 |                 |                  |                  |          |
|----|-----------|-----------------|-----------------|------------------|------------------|----------|
| 49 | Strong    | (a) weak        | (b) wear        | (C) were         | (d) waak         | <b>a</b> |
| 50 | Beautiful | (a) nice        | (b) handsome    | (C) ugly         | (d) cute         | <b>c</b> |
| 51 | Good      | (a) goodness    | (b) good hope   | (C) bad          | (d) none         | <b>c</b> |
| 52 | Rich      | (a) weak        | (b) sound       | (C) wealth       | (d) poor         | <b>d</b> |
| 53 | Tough     | (a) easy        | (b) proper      | (C) take it      | (d) none         | <b>a</b> |
| 54 | Pleasant  | (a) unpleasant  | (b) displeasent | (C) mispleasant  | (d) none         | <b>a</b> |
| 55 | Literate  | (a) unlliterate | (b) illiterate  | (C) dislliterate | (d) mislliterate | <b>b</b> |
| 56 | polite    | (a) unpolite    | (b) impolite    | (C) Dis polite   | (d) none         | <b>b</b> |
| 57 | Ancient   | (a) Modern      | (b) latest      | (C) new          | (d) none         | <b>a</b> |
| 58 | High      | (a) Low         | (b) weak        | (C) peak         | (d) none         | <b>a</b> |

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**Scramble words**

59	Indian (a) naindi                      (b) andin                      (C) dianan                      (d) none	<b>a</b>
60	Railway (a) waylia                      (b) liwray                      (C) yawliar                      (d) liarwa	<b>c</b>
61	Permission (a) missper                      (b) mispermis                      (C) mispersion                      (d) ionsperm	<b>c</b>
62	Beautiful (a) bautiful                      (b) fultiaeb                      (C) fulbeauti                      (d) fuleabut	<b>c</b>
63	Children (a) cildhen                      (b) drenlich                      (C) licredn                      (d) nerlich	<b>b</b>
64	Divisional (a) visiondal                      (b) visondla                      (C) sionvialdi                      (d) none	<b>c</b>
65	Knowledge (a) ledgknow                      (b) knoledgew                      (C) gewkonle                      (d) none	<b>b</b>
66	Headquarter (a) quardeah                      (b) quarerdaeh                      (C) deahterauq                      (d) none	<b>b</b>
67	Locomotive (a) motcoloive                      (b) motoloive                      (C) coloviemo                      (d) none	<b>a</b>
68	Umbrella (a) brelaum                      (b) umllabre                      (C) breumla                      (d) none	<b>b</b>
69	Strength (a) engrths                      (b) thgenrts                      (C) genthst                      (d) none	<b>b</b>
70	Mechanical (a) calniahecm                      (b) mecanilac                      (C) mehcanic                      (d) none	<b>a</b>
71	Important (a) tantoirm                      (b) tantimpor                      (C) portimat                      (d) none	<b>b</b>

**ANALOGY**

72	Carrot is related to "Root" in the sameway "Apple" is related to (a) Vegetable                      (b) Flower                      (C) Leaf                      (d) Fruit	<b>d</b>
73	Tailor is related to "Cloth" in the same way "Cobbler" is related to (a) Machine                      (b) Leather                      (C) Stitching                      (d) Making	<b>b</b>
74	Book is related to "Library" as "Flower" is related (a) Petal                      (b) Stalk                      (C) Garland                      (d) Decoration	<b>c</b>
75	Major is related to 'Battalion' as 'Colonel' is related to (a) Company                      (b) Regiment                      (C) Army                      (d) Soldiers	<b>b</b>
76	Handsome : Beautiful :: ? : she (a) Man                      (b) He                      (C) Woman                      (d) Kamini	<b>b</b>
77	Heavy : Light :: Glad : ? (a) Weight                      (b) Joy                      (C) Sad                      (d) Luck	<b>c</b>
78	Poet : Poem :: Woman : ? (a) Ornament                      (b) Husband                      (C) Sister                      (d) Son	<b>d</b>

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**Mixed number coding**

- If ROSE is coded as 6821, CHAIR is coded as 73456 and PREACH is coded as 961473,
- 79 what will be the code for SEARCH  
 (a) 246173            (b) 214673            (C) 214763            (d) 216473            **b**
- 80 If ROPE is coded as 6821 and CHAIR is coded as 73456, then what is the code for CRAPE  
 (a) 73456            (b) 76421            (C) 77246            (d) 77123            **b**
- 81 If MINJUR is coded as 312547 and TADA as 6898, how can MADURAI is coded?  
 (a) 3498178            (b) 3894871            (C) 3849781            (d) 3894781            **d**

**If MISTAKE is coded as 9765412 and NAKED is coded as 84123 how are the following words are coded**

- 83 DISTANT  
 (a) 3765485            (b) 4798165            (C) 3897185            (d) 4768296            **a**
- 84 NEMISES  
 (a) 7598656            (b) 8597656            (C) 8297626            (d) 7689565            **c**
- 85 ASSIST  
 (a) 166762            (b) 466765            (C) 488976            (d) 433985            **b**
- 86 INTIMATE  
 (a) 89786145            (b) 79438163            (C) 78579452            (d) 78698365            **c**
- 87 STAIN  
 (a) 98175            (b) 89483            (C) 68194            (d) 65478            **d**

**Articles**

- 88 .... Doctor can do operation to human being  
 (a) a            (b) the            (C) with            (d) of            **a**
- 89 ..... Umbrella can use in rainy season  
 (a) a            (b) an            (C) with            (d) the            **b**
- 90 ..... Elephant is one the biggest animal in the forest  
 (a) a            (b) an            (C) with            (d) the            **b**
- 91 Divisional office is ..... biggest office in Guntakal division  
 (a) a            (b) an            (C) with            (d) the            **d**

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<b>General Knowledge</b>		
1	Who is the First President of India? (a) Jawaharlal nehru (b) B.R. Ambedkar (C) Dr. Rajendra Prasad (d) Mahatma Gandhi	<b>c</b>
2	Who won the world cup of FIFA in year 2010 (a) Spain (b) Germany (C) Argentina (d) Itali	<b>a</b>
3	Which is our National Animal? (a) Tiger (b) Lion (C) Elephant (d) Cheeta	<b>a</b>
4	How many times Vice President of India can be elected. (a) One time (b) Two times (C) three times (d) many times	<b>b</b>
5	Who will appoint the chief justice of Supreme court? (a) President (b) Prime minister (C) Home minister (d) Law minister	<b>a</b>
6	Who was the only president of India from Andhra Pradesh (a) V.V. Giri (b) P.V. Narasimha Rao (C) Damodaram Sanjeevaiah (d) Neelam Sanjeeva Reddy	<b>d</b>
7	Who is our Raj Bhasha Adhikari (a) Sr. DPO (b) DRM (C) ADRM (d) Sr.DFM	<b>c</b>
8	Republic day will be celebrated on (a) 15-Aug (b) 02-Oct (C) 26-Jan (d) 14-Nov	<b>c</b>
9	Which is out National Game (a) Cricket (b) Base ball (C) Hockey (d) Basket ball	<b>c</b>
10	Which is our Raj Bhasha (a) Telugu (b) Kanada (C) English (d) Hindi	<b>d</b>
11	Which is our National Bird (a) Swan (b) Peacock (C) Parrot (d) Owl	<b>b</b>
12	Which is our National Flower (a) Jasmine (b) Rose (C) Lotus (d) lilly	<b>c</b>
13	Who is the speaker of Loksabha (a) Somnath Chatarji (b) Bala Yogi (C) P.S. Sangma (d) Sumitra Mahazan	<b>d</b>
14	Which is the smallest state in India (a) Sikkim (b) Nagaland (C) Thripura (d) Goa	<b>d</b>
15	What is the currency of Bangladesh (a) Rupees (b) Yen (C) Thaka (d) dollar	<b>c</b>
16	Which is the colour of Dharma chakra in our National flag. (a) Sea blue (b) Black (C) white (d) green	<b>a</b>
17	The largest botanical garden in India is located in (a) Mysore (b) Kolkatta (C) Ooty (d) Srinagar	<b>b</b>
18	The longest river in the world	

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18	(a) Amozon (b) Ganga (C) Nile (d) Zeelam Largest Union territory in Population	<b>c</b>
19	(a) Andaman Nikobar (b) Puducherry (C) Lakshadweep (d) Yanam Smallest union territory in Area	<b>a</b>
20	(a) Lakshadweep (b) Srilanka (C) Andaman nikobar (d) daman dev	<b>a</b>
21	Highest award in India (a) Param vir chakra (b) Bharat Ratna (C) Padma Bhushan (d) Padma Sri	<b>b</b>
22	Longest river in India (a) Bramhaputra (b) Narmada (C) Yamuna (d) Ganga	<b>d</b>
23	Which is the Largest zone in Indian Railways. (a) Northern Railway (b) Central Railway (C) Eastern Railway (d) South Central Railway	<b>d</b>
24	Where is the First train in world was started (a) Germany (b) England (C) France (d) Russia	<b>b</b>
25	Who wrote the National Anthem (a) Ghandhi (b) Nehru (C) Bakeem Chandra Chatarjee (d) Rabindranath Tagore	<b>d</b>
26	How many spokes are there in Ashoka Chakra (a) 24 (b) 22 (C) 26 (d) 20	<b>a</b>
27	Who invented the Electric Engine (a) James watt (b) Stephenson (C) Garner (d) Grahambell	<b>c</b>
28	Which country occupies first place in AIDS patients (a) USA (b) West Indies (C) Zimbabwe (d) South Africa	<b>d</b>
29	Which country is called land of rising sun (a) Japan (b) South Korea (C) Singapore (d) North Korea	<b>a</b>
30	Which city is called pink city (a) Ahmedabad (b) Jaipur (C) Gandhinagar (d) Baroda	<b>b</b>
31	Who invented the Television (a) Graham bell (b) Baired (C) Mark anthony (d) Garner	<b>b</b>

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**General Knowledge**

32	What is the currency of Russia (a) Dollar (b) Pound (C) Rubble (d) Yen	<b>c</b>
33	In which year wheel and axle plant started at Yelanka (a) 1986 (b) 1982 (C) 1984 (d) 1978	<b>a</b>
34	When was the Reserve bank of India Nationalised (a) 1952 (b) 1949 (C) 1954 (d) 1969	<b>b</b>
35	Which is the biggest planet (a) Uranus (b) Jupiter (C) Pluto (d) Venus	<b>b</b>
36	Famous Meenakshi temple is situated at (a) Madurai (b) Bangalore (C) Chennai (d) Trivendrum	<b>a</b>
37	The total number of muscles in the human body is (a) 639 (b) 525 (C) 373 (d) 734	<b>a</b>
38	Solar system was discovered by (a) Aryabatta (b) Copernicus (C) Kepler (d) none of these	<b>b</b>
39	The President of India is (a) APJ. Abdul kalam (b) K.R.Narayanan (C) Shakavath (d) Ram Nath Kovindh	<b>d</b>
40	Who is the Prime Minister of India (a) N.Modi (b) Pranabh Mukerjee (C) Chithambaram (d) AK. Anthony	<b>a</b>
41	Who is the Finance Minister of India (a) Manmohan Singh (b) ArunJaitley (C) Chithambaram (d) AK. Anthony	<b>b</b>
42	Who is the Home Minister of India (a) Manmohan Singh (b) Pranabh Mukerjee (C) Rajnath Singh (d) AK. Anthony	<b>c</b>
43	Who is the Defence Minister of India (a) Manmohan Singh (b) Pranabh Mukerjee (C) Chithambaram (d) Nirmala Seetharaman	<b>d</b>
44	Who is the Railway Minister of India (a) Piyush Goyal (b) Sonia Gandhi (C) Lalu Prasad Yadav (d) Nitish Kumar	<b>a</b>
45	Who is the Minister of State Railways for south India (a) Velu (b) ManojSinha (C) Veerappa Mouili (d) Kapil sebal	<b>b</b>
46	Gold is found in ..... (a) Orrisa (b) Karanataka (C) Uttar pradesh (d) Goa	<b>b</b>
47	Ajanta - Ellora caves are situated near (a) Baroda (b) Aurangabad (C) Jaipur (d) none of these	<b>b</b>



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**General Knowledge**

- 48 Which country celebrates Christmas festival in summer season?  
 (a) France (b) England (C) Australia (d) USA **c**
- 49 Who completed the Qutab Minar?  
 (a) Allauddin Khiliji (b) Qutb-ud-din-aibak (C) Ilthumish (d) Ibrahim Lodi **b**
- 50 What was the ancient name of Goa?  
 (a) Gopalpur (b) Gopal Gunj (C) Gopakpattan (d) Govankpatton **c**
- 51 Who is commonly regarded as the father of Indian Cinema?  
 (a) Dada Saheb Palke (b) Satyajit Ray (C) Raj Kumar (d) none of these **a**
- 52 Who among the following was the first woman minister of a state?  
 (a) Vijayalakshmi Pandit (b) Raj kumari amrut kour (C) Sarojini Naidu (d) none of these **a**
- 53 In which year did Vasco da gama land in India?  
 (a) 1490 (b) 1392 (C) 1487 (d) 1499 **a**
- 54 Who gave the call "Do or Die" in 1942?  
 (a) Mahatma Gandhi (b) Morarji Desai (C) Jawaharlal Nehru (d) Netaji **a**
- 55 Who among the following was the Pioneer of Bhakti movement?  
 (a) Ramanuja Charya (b) Sankara Charya (C) Guru Nanak (d) none of these **b**
- 56 Railway and Telegraph systems were introduced in India by  
 (a) Lord Dalhousie (b) Lord Wellesly (C) Lord Bentink (d) none of these **a**
- 57 The famous Dillwara temples are situated at  
 (a) Ajmeer (b) Shimla (C) Mount Abu (d) Kulu-manali **c**
- 58 Buland Darwaza is located at  
 (a) Birla Mandir (b) Fatehpur sikri (C) Tajmahal (d) Jama Masjid **b**
- 59 When was the Quit India movement launched?  
 (a) 15-08-1942 (b) 09-08-1942 (C) 08-08-1942 (d) none of these **c**
- 60 Zero is invented by  
 (a) Ramanuja (b) Brahmagupta (C) Baskara Charya (d) none of these **b**
- 61 The Golden temple is associated with  
 (a) Hinduism (b) Sikhism (C) Parsi (d) Christian **b**
- 62 Who built the 'tower of victory at Chittor?  
 (a) Rana Pratap (b) Rana Kumbha (C) Shivaji (d) Shambuji **b**
- 63 Which is the Oldest University?  
 (a) Bombay (b) Madras (C) Calcutta (d) Delhi **c**

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**General Knowledge**

- 64 Mahabalipuram is located near  
 (a) Mumbai (b) Madras (C) Surat (d) Trivendrum **b**
- 65 Which are affected by AIDS?  
 (a) Immune system (b) Nervous system (C) Digestion system (d) none of these **a**
- 66 Protein is highest in  
 (a) Rice (b) Soyabeans (C) Mango (d) Citrus **b**
- 67 Which planet is nearest to earth?  
 (a) Mars (b) Venus (C) Jupiter (d) Pluto **b**
- 68 The Ozone layer in the upper part of the atmosphere protects us from  
 (a) Infrared (b) Ultra violet radiation (C) Blue light (d) White rays **b**
- 69 Nonstick cooking utensils are coated with  
 (a) Teflon (b) Nylon (C) Nichel (d) Black coating **a**
- 70 Which is used as magnifying glass?  
 (a) Converging lens (b) Diverging lens (C) Concave Mirror (d) Convex Mirror **a**
- 71 Which organ in human body is responsible for the purification of blood?  
 (a) Kidney (b) Lung (C) Liver (d) Intestine **a**
- 72 Which is the acid present in lemon?  
 (a) Sulphuric acid (b) Citric acid (C) Hydrogen Chloride (d) none of these **b**
- 73 Night blindness is caused due to deficiency of  
 (a) Vitamin B (b) Vitamin C (C) vitamin D (d) Vitamin A **d**
- 74 The instrument for measuring atmospheric pressure is known as  
 (a) Ammeter (b) Barometer (C) Hydrometer (d) none of these **b**
- 75 Vitamin essential for blood is  
 (a) B2 (b) B6 (C) B12 (d) D **c**
- 76 Normal heart beat per minute in human body is  
 (a) 72 (b) 70 (C) 80 (d) 75 **a**
- 77 The normal temperature of the human body in normal health is  
 (a) 72°F (b) 104°F (C) 98.4°F (d) 93.4°F **c**
- 78 Telescope is used for  
 (a) Observing near objects (b) Observing distant objects (C) Both of these (d) none of these **b**
- 79 The first man to land on moon was  
 (a) Yurigagarin (b) Neil Armstrong (C) G.N.Prolov (d) Valentina Tereshkova **b**

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

S.No	QUESTIONS	ANSWER
<b>General Knowledge</b>		
80	Dehydration in the human body results due to loss of (a) Iodine (b) Water (C) Calcium (d) none of these	<b>b</b>
81	Who invented bicycle (a) K. Macmillan (b) William Hunt (C) J.L. Baird (d) none of these	<b>a</b>
82	The largest organ in the human body (a) Liver (b) Cochlin (C) Kidney (d) Heart	<b>a</b>
83	The terms 'Bull and Bear' are used in (a) Stock Exchange (b) Telecommunication (C) Liberalisation Policy (d) none of these	<b>a</b>
84	'Arthashastra' is a book on (a) Medicine (b) State craft (C) Science and Technology (d) Political science	<b>b</b>
85	Who has a right to fix the prices of Petroleum products (a) OIL (b) APEC (C) OPEC (d) none of these	<b>c</b>
86	Dalal street is known for which of the fields? (a) Stock exchange in Delhi (b) Stock exchange in Chennai (C) Stock exchange in Mumbai (d) Stock exchange in Kolkatta	<b>c</b>
87	The largest wheat producing state in India is (a) Andhra Pradesh (b) Bihar (C) West Bengal (d) Uttar Pradesh	<b>d</b>
88	World leading producer of tobacco is (a) Nepal (b) India (C) U.S.A (d) U.K	<b>b</b>
89	Which one of the following states is the largest producer of tea in India? (a) Assam (b) Sikkim (C) Goa (d) Karanataka	<b>a</b>
90	Which is the second most literate state in India? (a) Assam (b) Punjab (C) Mizoram (d) J & K	<b>c</b>
91	In which state is the Korba termal power station located? (a) Gujarat (b) Madhya Pradesh (C) West Bengal (d) Uttar Pradesh	<b>b</b>
92	Where are diamond mines in India? (a) Karanataka (b) Madhya Pradesh (C) Rajasthan (d) J & K	<b>b</b>
93	The highest peak of the world lies in (a) India (b) China (C) Pakistan (d) Nepal	<b>d</b>
94	World environmental day is celebrated every year on (a) July 1st (b) June 5th (C) June 25th (d) July 11th	<b>b</b>
95	Cavery water dispute in between which of the states? (a) Pondichery (b) Karanataka (C) Tamilnadu (d) All the above	<b>d</b>
96	Coffee power is made from (a) Leaf (b) Seeds (C) Root (d) Stem	<b>b</b>

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

S.No	QUESTIONS	ANSWER
<b>General Knowledge</b>		
97	Which state has the largest no. of Sugar mills? (a) Punjab (b) Bihar (C) Uttar pradesh (d) West Bengal	<b>c</b>
98	Which state has more than 90% of its area under forests? (a) Sikkim (b) Assam (C) Himachal Pradesh (d) Arunachal Pradesh	<b>d</b>
99	Which state in India has a separate constitution (a) J & K (b) Assam (C) Andhra pradesh (d) West Bengal	<b>a</b>
100	The parliament of which country is known as 'National Panchayat' (a) Bangladesh (b) Nepal (C) Bhutan (d) Sweden	<b>b</b>
101	Galavanised iron is coated with a thin coating of (a) Copper (b) Tin (C) Zinc (d) Alluminium	<b>c</b>
102	Jet engines are (a) Rotary Engine (b) External Combustion (C) Turbine engine (d) Reaction engine	<b>d</b>
103	The famous Rock Garden is located in which city? (a) Shimla (b) Jaipur (C) Lucknow (d) Chandigarh	<b>d</b>
104	In which state silent valley is located? (a) Tamilnadu (b) Kerala (C) Assam (d) Solar	<b>b</b>
105	Which river flows between the Satpura and the Vindhya? (a) Godavari (b) Gandak (C) Tapti (d) Narmada	<b>d</b>
106	Harayana and Punjab having same capital (a) Amritsar (b) Jalandar (C) Chandigarh (d) Simla	<b>c</b>
107	Planning city of India (a) Chandigarh (b) Ambala (C) Patankort (d) Dharmashala	<b>a</b>

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from  
DIESEL SHEDS**

<b>S. No</b>	<b>Abbr</b>	<b>Full form of Abbreviation</b>
1	<b>MR</b>	Ministry of Railways
2	<b>CRB</b>	Chairman Railway Board
3	<b>MM</b>	Member Mechanical
4	<b>ML</b>	Member Electrical
5	<b>FC</b>	Financial Commissioner
6	<b>MS</b>	Member Staff
7	<b>MT</b>	Member Traffic
8	<b>ME</b>	Member Engineering
9	<b>DG/RPF</b>	Director General - Railway Protection Force
10	<b>DG/ RHS</b>	Director General - Railway Health Services
11	<b>GM</b>	General Manager
12	<b>AGM</b>	Additional General Manager
13	<b>SDGM</b>	Senior Deputy General Manager
14	<b>PCME</b>	Principal Chief Mechanical Engineer
15	<b>CMPE</b>	Chief Motive and Power Engineer
16	<b>PCEE</b>	Principal Chief Electrical Engineer
17	<b>PCE</b>	Principal Chief Engineer
18	<b>PCPO</b>	Principal Chief Personnel Officer
19	<b>PCOM</b>	Principal Chief Operations Manager
20	<b>CSO</b>	Chief Safety Officer
21	<b>PCMD</b>	Principal Chief Medical Director
22	<b>CWE</b>	Chief Workshop Engineer
23	<b>CSC</b>	Chief Security Commissioner
24	<b>PCMM</b>	Principal Chief Material Manager
25	<b>CRS</b>	Commissioner of Railway Safety
26	<b>FA &amp; CAO</b>	Financial Adviser and Chief Accounts Officer
27	<b>PREM</b>	Participation of Railway Employees in Management
28	<b>RCT</b>	Railway Claims Tribunal
29	<b>PNM</b>	Permanent Negotiating Machinery
30	<b>CRIS</b>	Centre for Railway Information System
31	<b>RITES</b>	Rail India Technical and Economic Service Limited
32	<b>FOIS</b>	Freight Operations Information System

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from  
DIESEL SHEDS**

<b>S. No</b>	<b>Abbr</b>	<b>Full form of Abbreviation</b>
33	<b>MRA</b>	Mukhya Rajbhasha Adhikari
34	<b>IRCTC</b>	Indian Railway Catering and Tourism Corporation
35	<b>COFMOW</b>	Central Organisation for Modernisation of workshops
36	<b>CONCOR</b>	Container Corporation of India
37	<b>IRWO</b>	Indian Railway Welfare Organisation
38	<b>SCRWVO</b>	South Central Railway Womans Welfare Organisation
39	<b>DRM</b>	Divisional Railway Manager
40	<b>ADRM</b>	Additional Divisional Railway Manager
41	<b>ZRTI</b>	Zonal Railway Training Institute
42	<b>IRFC</b>	Indian Railway Finance Corporation
43	<b>KRC</b>	Konkan Railway Corporation
44	<b>CORE</b>	Central Organisation for Railway Electrification
45	<b>IRISET</b>	Indian Railway Institute of Signal Engineering and Telecommunication
46	<b>RSC</b>	Railway Staff College
47	<b>IRIMEE</b>	Indian Railway Institute of Mechanical and Electrical Engineering
48	<b>ICF</b>	Integral Coach Factory
49	<b>RCF</b>	Rail Coach Factory
50	<b>DMW</b>	Diesel Modernization Workshop
51	<b>CLW</b>	Chittaranjan Locomotive Works
52	<b>RWF</b>	Rail Wheel Factory
53	<b>RSK</b>	Rail Spring Karkhana
54	<b>RDSO</b>	Research, Design and Standards Organisation
55	<b>DLW</b>	Diesel Locomotive Works
56	<b>AM</b>	Ante Meridiem
57	<b>AICC</b>	All India Congress Committee
58	<b>BCC</b>	Board Of Control Of Cricket in India
59	<b>BBC</b>	British Board Casting Corporation
60	<b>CBI</b>	Central Bureau of Investigation
61	<b>CPI</b>	Communist party of India
62	<b>DA</b>	Dearness Allowance
63	<b>AIMS</b>	All India Institute of Medical Sciences
64	<b>DDT</b>	Dichloro Diphenyl Trichloro Ethane

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from  
DIESEL SHEDS**

<b>S. No</b>	<b>Abbr</b>	<b>Full form of Abbreviation</b>
65	<b>DRDO</b>	Defence Research and Development Organisation
66	<b>EEC</b>	European Economic Community
67	<b>EVM</b>	Electronic Voting Machine
68	<b>FAO</b>	Food and Agriculture Organisation
69	<b>FBI</b>	Federal Bureau of Investigation
70	<b>FCI</b>	Food Corporation of India
71	<b>FICCI</b>	Federation of Indian Chambers of Commerce and Industry
72	<b>FRI</b>	Forest Research Institute
73	<b>GMT</b>	Greenwich Mean Time
74	<b>GSI</b>	Geological Survey of India
75	<b>HAL</b>	Hindustan Aeronautics Limited
76	<b>HMT</b>	Hindustan Machine Tools
77	<b>IAAI</b>	International Airport Authority of India
78	<b>IARI</b>	Indian Agricultural Research Institute
79	<b>IAS</b>	Indian Administrative Service
80	<b>ICICI</b>	Industrial Credit and Investment Corporation Of India
81	<b>ILO</b>	International Labour Organisation
82	<b>IOCL</b>	Indian Oil Corporation Limited
83	<b>IOC</b>	International Olympic Committee
84	<b>ISRO</b>	Indian Space Research Organisation
85	<b>LBW</b>	Leg Before Wicket
86	<b>MLA</b>	Member of Legislative Assembly
87	<b>MLC</b>	Member of Legislative Council
88	<b>MP</b>	Member of Parliament
89	<b>NASA</b>	National Aeronautics and Space Administration
90	<b>NIN</b>	National Institute of Nutrition
91	<b>NTPC</b>	National Thermal Power Corporation
92	<b>OIL</b>	Oil India Limited
93	<b>ONGC</b>	Oil and Natural Gas Corporation
94	<b>OPEC</b>	Organisation of Petroleum Exporting Countries
95	<b>POW</b>	Prisoner of War'
96	<b>PVC</b>	Param Vir Chakra

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from  
DIESEL SHEDS**

<b>S. No</b>	<b>Abbr</b>	<b>Full form of Abbreviation</b>
97	<b>RAF</b>	Rapid Action Force
98	<b>RBI</b>	Reserve Bank Of India
99	<b>SAARC</b>	South Asian Association of Regional Corporation
100	<b>SAIL</b>	Steel Authority of India Limited
101	<b>SLV</b>	Satelite Launch Vehicle
102	<b>UNESCO</b>	United Nations Educational Scientific and Cultural Organisation
103	<b>UNO</b>	United Nations Organisation
104	<b>VC</b>	Vice Chancellor
105	<b>VPP</b>	Value Payable by Post
106	<b>VSSC</b>	Vikram Sarabhai Space Centre
107	<b>WHO</b>	World Health Organisation
108	<b>WTO</b>	World Trade Organisation
109	<b>YMCA</b>	Young Men Christian Association
110	<b>YWCA</b>	Young Women Christian Association
111	<b>AIDS</b>	Acquired Immuno Deficiency Syndrome
112	<b>NIMS</b>	Nizam Institute of Medical Sciences
113	<b>HIV</b>	Human Immuno Deficiency Virus
114	<b>ATM</b>	Automatic Teller Machine
115	<b>BSE</b>	Bombay Stock Exchange
116	<b>ECG</b>	Electro Cardio Gram
117	<b>IST</b>	International Standard Time
118	<b>IBM</b>	International Bussiness Management
119	<b>LPG</b>	Liquid Petroluem Gas
120	<b>NDA</b>	National Defence Acedamy
121	<b>PAN</b>	Permanent Account Number
122	<b>SENSEX</b>	Sensitive Index
123	<b>VAT</b>	Value Added Tax
124	<b>WWW</b>	World Wide Web



**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

S.No	QUESTIONS	ANSWER
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**ARTHEMATIC**

- 1 What is the sum of all prime numbers between 100 and 120?  
(a) 424                      (b) 533                      (C) 648                      (d) 650                      **b**
- 2 Find the LCM of 111, 592  
(a) 1776                      (b) 1786                      (C) 1796                      (d) 1777                      **a**
- 3 Find the LCM of 15, 35, 42, 50  
(a) 1050                      (b) 1060                      (C) 1065                      (d) 1040                      **a**
- 4 Find the HCF 598, 874  
(a) 46                      (b) 45                      (C) 43                      (d) 44                      **a**
- 5 Find the HCF 42, 63, 40  
(a) 8                      (b) 7                      (C) 9                      (d) 6                      **b**
- 6 Find the square of 625  
(a) 23                      (b) 24                      (C) 25                      (d) 27                      **c**
- 7 Find the square of 25  
(a) 4                      (b) 6                      (C) 3                      (d) 5                      **d**
- 8 A man saves 16% of his total income of Rs. 5000 per month how much does he spend?  
(a) 4200                      (b) 4100                      (C) 4150                      (d) 4000                      **a**
- 9 In a class boys and girls are studing out of which  $\frac{3}{5}$ th of boys and remaining girls number is 16, then find the total students in the class?  
(a) 40                      (b) 32                      (C) 38                      (d) 36                      **a**
- 10 In a class  $\frac{5}{8}$ th students were passed remaining students failed, i.e. 24 then find the total students appeared for examination?  
(a) 65                      (b) 68                      (C) 64                      (d) 66                      **c**
- 11 Boys and girls are studing in a class out of which  $\frac{5}{9}$ th boys and boys number is 15 more than the girls, then find the total boys and girls in the class?  
(a) 138                      (b) 136                      (C) 137                      (d) 135                      **d**
- 12  $a=2b$ ,  $b=4c$ , then find a:b:c  
(a) 8: 4: 1                      (b) 1: 4: 6                      (C) 3: 4: 7                      (d) none of these                      **a**
- 13  $2a=3b$  and  $4b=5c$  then find a:b:c  
(a) 3: 5: 7                      (b) 5: 4: 6                      (C) 15: 10: 8                      (d) 8: 9: 7                      **c**
- 14 Ratio of income between A and B is 3:5 and the expenditure ratio is 1:2 both saved Rs.1000 each, then find the income of A?  
(a) 4500                      (b) 3000                      (C) 3560                      (d) 3980                      **b**
- 15 A and B together started a business with the principle amount of Rs.8000 and Rs. 12000 after one year got the profit of Rs.6000, what was the share of profit to A?  
(a) 2700                      (b) 2800                      (C) 2400                      (d) 2600                      **c**

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

S.No	QUESTIONS	ANSWER
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**ARTHEMATIC**

- 16 A,B & C started a business with the principle amount of Rs.6000, Rs.8000 and Rs.10000 after one year got profit of Rs.7200, Find the profit share of A?  
 (a) 1800 (b) 1700 (C) 3000 (d) 2000 **a**
- 17 Rama purchased a old cycle with the sum of Rs.900 and repaired with the sum of Rs.300 and sold with the sum of Rs. 1500, then find the profit percentage?  
 (a) 20% (b) 25% (C) 27% (d) 30% **b**
- 18 Krishna purchased one article with the sum of Rs.300 and sold out with the sum of Rs. 270, then find the percentage of loss?  
 (a) 15% (b) 20% (C) 18% (d) 10% **d**
- 19 A man weight increased from 60kgs to 68kgs what was the percentage of weight increased?  
 (a) 13% (b)  $13\frac{1}{3}\%$  (C)  $13\frac{1}{5}\%$  (d)  $13\frac{1}{8}\%$  **b**
- 20 A work can be done by A in 12 days, B in 15 days and C can do in 20 days, if A, B, C together can do the same work in how many days?  
 (a) 4 days (b) 3 days (C) 6 days (d) 5 days **d**
- 21 Ramesh and Anil together complete a work in a 12 days, Ramesh alone can do the same work in 28 days, and find in how many days Anil can complete the same work ?  
 (a) 21 days (b) 23 days (C) 25 days (d) 27 days **a**
- 22 One side length of square is 15mts,Find the area of square ?  
 (a) 275 (b) 225 (C) 235 (d) 265 **b**
- 23 The rectangle length is 15mts and breath is 12mts, find the area of rectangle?  
 (a) 160sqmts (b) 120sqmts (C) 150sqmts (d) 180sqmts **d**
- 24 A rectangle garden with length of 200mts and breath 120mts, to construct a fencing around the garden with the cost of Rs.2 per meter, find the total expenditure for the fencing?  
 (a) 1240 (b) 1200 (C) 1280 (d) 1260 **c**
- 25 A rectangle room length 20mts and breath 15mts in that room for flooring used 3mts length and 2mts breath tiles were used, find the total no. of tiles used for flooring?  
 (a) 50nos (b) 60nos (C) 100nos (d) 80nos **a**
- 26 Find the area of Circle, with radius of 7mts.  
 (a) 152sqmts (b) 154sqmts (C) 160sqmts (d) 156sqmts **b**
- 27 One circle with the radius of 14cms rotates thousand rounds, find how much distance travelled?  
 (a) 0.88kms (b) 0.86kms (C) 0.76kms (d) 0.77kms **a**
- 28 28 cms radius of circle rotates a distance of 4.4 kms, find how many rounds it rotates?  
 (a) 2600 rounds (b) 2400 rounds (C) 2500 rounds (d) 2540 rounds **c**
- 29 A triangle base 15mts, height 12mts, find the area of triangle?  
 (a) 100sqmts (b) 85sqmts (C) 95sqmts (d) 90 sqmts **d**
- 30 One triangle 3sides length 13mts, 12mts, 5mts, then find the area of Triangle?  
 (a) 25sqmts (b) 30sqmts (C) 35sqmts (d) 40sqmts **b**
- 31 A car speed is 72kmph, find the same speed in metres per second?  
 (a) 20m/sec (b) 25m/sec (C) 30m/sec (d) 40m/sec **a**

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

S.No	QUESTIONS	ANSWER
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**ARTHEMATIC**

- 32 One bus speed is 10m/sec, find the same speed in kmph?  
 (a) 38kmph (b) 36kmph (C) 39kmph (d) 40kmph **b**  
 One scooter covers a distance of 600mts with in a 40seconds, find the speed of the scooter?
- 33 (a) 17m/sec (b) 12m/sec (C) 15m/sec (d) 20m/sec **c**  
 One bike covers a distance of 1200mts in 2min, find the speed of the bike in kmph?
- 34 (a) 38kmph (b) 32kmph (C) 34kmph (d) 36kmph **d**  
 A train length of 500mts to pass a telegraph post in 20 secs, find the speed of the train?
- 35 (a) 25m/sec (b) 28m/sec (C) 27m/sec (d) 24m/sec **a**  
 One train length of 600mts to pass a tree took 40 secs, find the speed of the train in kmph?
- 36 (a) 56kmph (b) 50kmph (C) 54kmph (d) 52kmph **c**  
 A train travelling with a speed of 54kmph to pass a telegraph post took 30secs, find the length of the train?
- 37 (a) 460mts (b) 420mts (C) 400mts (d) 450mts **d**  
 Two trains travelling with the length of 275mts and 325mts in same direction with the speed of 70kmph and 40kmph to pass one train to other train, how much time will take?
- 38 (a) 72 seconds (b) 74 seconds (C) 76 seconds (d) 70 seconds **a**  
 Two trains travelling with the speed of 55kmph and 35 kmph in opposite direction, to cross each other took 30seconds out of which one train length is 400mts, find the other train length?
- 39 (a) 320mts (b) 350mts (C) 360mts (d) 330mts **b**  
 A money lender given a sum of Rs.4000 with the simple interest of 8% , find the simple interest for 2 years?
- 40 (a) 750 (b) 700 (C) 640 (d) 680 **c**  
 With the simple interest for 2years become a sum of Rs.5000 and for 5years Rs.6200, then find the borrower how much amount took for the interest?
- 41 (a) 4320 (b) 4800 (C) 4100 (d) 4200 **d**  
 with the simple interest for 3years become a sum of Rs. 5500 and for 5years Rs.6500, find the rate of interest?
- 42 (a) 12.5% (b) 12.0% (C) 12.8% (d) 13.0% **a**  
 A money lender given a sum of Rs. 4000 with the compound interest of 10%, for a period of 2 years, find out the interest to pay?
- 43 (a) Rs.840 (b) Rs.800 (C) Rs. 900 (d) Rs. 950 **a**  
 What is the next number in the given series? 2, 3, 5, 9, 17, .....
- 44 (a) 31 (b) 29 (C) 30 (d) 33 **b**  
 If  $5 \times 6 \times 3 = 452$  and  $4 \times 2 \times 5 = 314$ , then  $6 \times 9 \times 7 = ?$
- 45 (a) 586 (b) 865 (C) 978 (d) 796 **a**  
 If '453945' stands for ' DECIDE' then decode 8978 ?
- 46 (a) HIGH (b) GHEE (C) BHEE (d) CDEH **a**

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S.No	QUESTIONS	ANSWER
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**ARTHEMATIC**

- Asending order of the following numbers 25, 12, 9, 29, 37, 2, 8
- 47 (a) 9, 12, 29, 25, (b) 2,8,9,12,25, (C) 37,29,25,12,9, (d) 2,37,8,29,9, **b**  
 (a) 8, 2, 37 (b) 29,37 (C) 8,2 (d) 25,12
- Descending order of the following 12, 21, 2, 14, 35, 4, 9
- 48 (a) 2,4,9,12,14, (b) 35,21,14,12,9, (C) 12,14,24,35,9, (d) none of these **b**  
 (a) 21, 35 (b) 4,2 (C) 4,2
- 49 Out the following what is the number when its square is added to it, the result is 240?  
 (a) 15 (b) 16 (C) 18 (d) 20 **a**
- 50 Find the value of  $4x\{4\div 3(4x3\div (3x3))\}$   
 (a) 6 (b) 3 (C) 4 (d) 9 **c**
- 51 An article when sold for Rs.1250 there is a profit of 25%, what is the loss percent if that article was sold for Rs.750?  
 (a) 25% (b) 16% (C) 5% (d) 4.10% **a**
- 52 If  $x\%$  of 1400=119, then x is equal to :  
 (a) 17 (b) 28 (C) 8.5 (d) 7.5 **c**
- 53  $1225 + (3.5 \times 3.5) = ?$   
 (a) 1237.15 (b) 1237.25 (C) 1237.05 (d) 1237.2 **b**
- 54 If the price of one and half dozen mangoes is Rs.153, what will be the cost of 60 mangoes?  
 (a) 540 (b) 600 (C) 510 (d) 580 **c**
- 55 If 8 is subtracted from one - third of a number becomes 25, find out the number?  
 (a) 66 (b) 33 (C) 44 (d) 99 **d**
- 56 the product of two numbers is 22 where as their difference is 14, find the product of numbers?  
 (a) 72 (b) 82 (C) 62 (d) 25 **a**
- 57  $\frac{75 \times 75 - 26 \times 26}{101}$   
 (a) 59 (b) 39 (C) 29 (d) 49 **d**
- 58 35 is 7% of ....  
 (a) 500 (b) 400 (C) 600 (d) 700 **a**
- 59  $.5 \times .4 + 08$  is equal to .....  
 (a) 0.01 (b) 10 (C) 0.1 (d) 1 **d**
- 60  $\frac{(79-24) \times (11-7)}{5 \times 9 - (13+2)} = ?$   
 (a) 11 (b) 25 (C) 11.5 (d) 10 **a**
- 61 There are 650 oranges in a box. 16% of them are rotten. How many oranges are good?  
 (a) 446 (b) 546 (C) 104 (d) 754 **b**
- 62 If 30% of a certain number is 12.6, then find the number  
 (a) 42 (b) 36 (C) 54 (d) none of these **a**
- 63 75% of 48 is  
 (a) 24 (b) 36 (C) 60 (d) 45 **b**
- 64 What is 35% of 800  
 (a) 280 (b) 380 (C) 180 (d) 480 **a**
- 65 Find out the L. C. M of 90, 126, 135 & 255

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

S.No	QUESTIONS	ANSWER
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ARTHEMATIC		
03	(a) 321300      (b) 32300      (C) 3350      (d) 3530	<b>a</b>

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

S.No	QUESTIONS	ANSWER
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**ARTHEMATIC**

**FORMULAS**

66 Profit = Selling Price - Cost Price (P=SP-CP)

67 Loss = Cost Price - Selling Price (L=CP-SP)

68 Gain % = 
$$\frac{\text{Gain}}{\text{Cost price}} \times 100$$

69 Loss % = 
$$\frac{\text{Loss}}{\text{Cost price}} \times 100$$

70 Selling price = Cost price + Profit and Cost price - Loss

71 Simple interest = 
$$\frac{\text{PNR}}{100}$$

72 Compound interest = A - P 
$$A = P \left[ 1 + \frac{R}{100} \right]^N$$

73 Area of the Square = a x a

74 Area of the Rectangle = l x b

75 Perimeter of Rectangle = 2(l+b)

76 Perimeter of Square = 4a

77 Area of Triangle = 1/2 hxb

78 Area of a Triangle (if 3 sides are equal)= 
$$\frac{\sqrt{3}}{4} a^2$$

79 Area of a Triangle (if sides are not equal)= 
$$\sqrt{s(s-a)(s-b)(s-c)}$$
 where 
$$S = \frac{a+b+c}{2}$$

80 Area of the Circle = 
$$\pi r^2$$

81 Speed = 
$$\frac{\text{Distance}}{\text{Time}}$$

82 Time = 
$$\frac{\text{Distance}}{\text{Speed}}$$

83 Distance= Time x Speed

84 To convert m/second into Km/h use Speed x 18/5

85 To convert Km/h into m/second use Speed x 5/18

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS****TECHNICAL**

<b>S.No</b>	<b>QUESTIONS</b>	<b>ANSWER</b>
1	How many class of stations in Indian Railways (a) 2 (b) 3 (C) 5 (d) 4	<b>d</b>
2	How many brakes are there in locomotive (a) 2 (b) 4 (C) 5 (d) 6	<b>c</b>
3	How many zones are in Indian Railways (a) 10 (b) 12 (C) 15 (d) 17	<b>d</b>
4	Diesel oil tank capacity of WDG4 locomotive (a) 5000 (b) 4000 (C) 3000 (d) 6000	<b>d</b>
5	Cooling system used in locomotive is (a) Air cooling (b) Liquid cooling (C) Water cooling (d) None	<b>c</b>
6	No. of cylinders in WDG4 locomotive (a) 16 (b) 24 (C) 12 (d) 22	<b>a</b>
7	Horse power of WDM2 locomotive (a) 2600 HP (b) 4000 HP (C) 3100 HP (d) 2700 HP	<b>a</b>
8	How many sets of wheels provided in the locomotive (a) 4 (b) 6 (C) 8 (d) 10	<b>b</b>
9	Which brake will be used for stopping the train (a) A9 (b) SA9 (C) Dynamic (d) Hand brake	<b>a</b>
10	How many traction motors are provided in the WDM2 locomotive (a) 8 (b) 4 (C) 6 (d) 5	<b>c</b>
11	Radiator fan start working in WDM2 locomotive at a temperature of (a) 68°C (b) 74°C (C) 86°C (d) 90°C	<b>a</b>
12	Diesel oil level in the diesel locomotive will be measured with (a) Glow rod guage (b) Boynet guage (C) Dip stick (d) Ammeter	<b>a</b>
13	In which work shop Diesel Electrical locomotives are manufactured (a) DLW (b) CLW (C) DCW (d) ICF	<b>a</b>
14	Booster air pressure of WDM2 loco in 8th notch (a) 1.2 Kg/cm <sup>2</sup> (b) 2.0 kg/cm <sup>2</sup> (C) 3.0 kg/cm <sup>2</sup> (d) 2.75 kg/cm <sup>2</sup>	<b>a</b>
15	Which of the following has highest resistivity (a) Mica (b) Paraffin (C) Air (d) Mineral water	<b>c</b>
16	The unit of resistance is (a) Ampere (b) Volt (C) Ohm (d) Mho	<b>c</b>

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS****TECHNICAL**

<b>S.No</b>	<b>QUESTIONS</b>				<b>ANSWER</b>
	Stainless steel is an alloy of				
17	(a) Iron and Nickel	(b) Iron chromium and Nickel	(C) Iron and chromium	(d) Iron, Nickel and Magnesium	<b>a</b>
	Unit of power is				
18	(a) Watt	(b) Calorie	(C) Boost	(d) Dollars	<b>a</b>
	The passage of passengers on a train to cross from one coach to another coach is called				
19	(a) Tunnel	(b) Causeway	(C) Vestibule	(d) Culvert	<b>c</b>
	Fuel used in Diesel engine is				
20	(a) Mobile oil	(b) Air	(C) Petrol	(d) HSD oil	<b>d</b>
	What is the length over buffers of WDG3A locomotive				
21	(a) 19.13 mts	(b) 19.14 mts	(C) 19.15 mts	(d) 19.16 mts	<b>a</b>
	What is the distance between two rails in Broad gauge				
22	(a) 1.678 mts	(b) 1.676 mts	(C) 1.670 mts	(d) 1.680 mts	<b>b</b>
	Which is the smallest division in Indian railways				
23	(a) Bhava Nagar	(b) Pune	(C) Mysore	(d) Nanded	<b>d</b>
	where is ICF situated				
24	(a) Bhopal	(b) Varanasi	(C) Patiala	(d) Perambur	<b>d</b>
	Which is biggest division in Indian Railways				
25	(a) Bhava Nagar	(b) Hubli	(C) Guntakal	(d) Mumbai	<b>a</b>
	In which year first electrical train run in India				
26	(a) 1926	(b) 1925	(C) 1930	(d) 1921	<b>b</b>
	How many divisions are in Indian Railways				
27	(a) 67	(b) 72	(C) 75	(d) 58	<b>a</b>
	How many diesel loco sheds are in South central railway				
28	(a) 4	(b) 7	(C) 5	(d) 3	<b>c</b>
	Where is electrical loco shed in south central railway				
29	(a) Guntakal	(b) Vijayawada	(C) Kacheguda	(d) Moula Ali	<b>b</b>
	Which is the fastest train in India				
30	(a) Rajadhani	(b) Sathabdhi	(C) Karanataka	(d) Coramandal	<b>b</b>
	Which is the longest platform in india				
31	(a) Secundrabad	(b) Kharagpur	(C) Chennai	(d) Gorakhpur	<b>d</b>



**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

**TECHNICAL**

<b>S.No</b>	<b>QUESTIONS</b>	<b>ANSWER</b>
32	Which is the Head quarters of South westren railway (a) Jaipur (b) Bangalore (C) Hubli (d) Mysore	<b>c</b>
33	In which year the first railway line was opened in India (a) 1852 (b) 1835 (C) 1836 (d) 1853	<b>d</b>
34	First railway line started from (a) Bombay to Agra (b) Bombay to Madras (C) Bombay to Calcutta (d) Bombay to thane	<b>d</b>
35	How many divisions in South central railway (a) 4 (b) 5 (C) 6 (d) 7	<b>c</b>
36	A station where the railway line ends is called (a) Junction station (b) Way side station (C) Block station (d) Terminal station	<b>d</b>
37	Fish plates are used for (a) Joining the rail at the rail joint (b) Joining the chairs with the sleepers (C) Joining the check rail with main rail (d) None of these	<b>a</b>
38	Natural Mineral contaminant in water is (a) Flourine (b) Sodium (C) Iron (d) Calcium	<b>a</b>
39	Lightening conductors are made of (a) Steel (b) Copper (C) Nickel (d) Iron	<b>b</b>
40	What kind of energy stored in dry cell (a) Mechanial (b) Electrical (C) Chemical (d) Heat	<b>c</b>
41	WDM2 locomotive fuel tank capacity (a) 5000 (b) 6000 (C) 4500 (d) 5500	<b>a</b>
42	Water temperature gauge is fitted in (a) Radiator room (b) Expressor room (C) Cabin (d) None of these	<b>b</b>
43	Which type of file used for round surface (a) Flat file (b) Half round file (C) Triangular file (d) None of these	<b>b</b>
44	Which type of meter is used to measure specific gravity (a) Hydrometer (b) Hygrometer (C) Lactormeter (d) None of these	<b>a</b>
45	Main generator out put voltage of WDM3D locomotive (a) 660 v (b) 1100 v (C) 900 v (d) 1250 v	<b>b</b>

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

<b>TECHNICAL</b>					
<b>S.No</b>	<b>QUESTIONS</b>				<b>ANSWER</b>
	HSD means				
46	(a) High Speed Diesel	(b) Hard speed doom	(C) High Speed Dia	(d) None of these	<b>a</b>
	Lube oil capacity of WDM2 locomotive				
47	(a) 800	(b) 910	(C) 1000	(d) 900	<b>b</b>
	Horse power of WDM3A locomotive				
48	(a) 3100	(b) 2000	(C) 2400	(d) 3600	<b>a</b>
	Speed permissible of WDG3A loco				
49	(a) 200	(b) 105	(C) 150	(d) 140	<b>b</b>
	What type of brake system provided to WDG4 locomotive				
50	(a) Air brake	(b) Air and Vacuum brake	(C) Emergency brake	(d) Dynamic	<b>a</b>
	How many traction motors are provided in WDP4 locomotive				
51	(a) 4	(b) 6	(C) 8	(d) 5	<b>a</b>
	MRV means				
52	(a) Medical relief van	(b) Main reservoir	(C) Modified regulating valve	(d) None of these	<b>a</b>
	Cooling water capacity of WDM3A loco in liters				
53	(a) 1210	(b) 800	(C) 500	(d) 600	<b>a</b>
	How many number of notches in WDM2 locomotive				
54	(a) 6	(b) 7	(C) 8	(d) 10	<b>c</b>
	Who invented Diesel Engine				
55	(a) Rudolf Diesel	(b) Adolph Hitler	(C) Water man	(d) Henry ford	<b>a</b>
	Horse power of WDM3D locomotive is				
56	(a) 2600	(b) 3100	(C) 3400	(d) 4000	<b>c</b>
	Why lubrication is done				
57	(a) To prevent friction between mating parts.	(b) To avoid from heat	(C) to increase speed	(d) None of these	<b>a</b>
	In India energy of power is measured in				
58	(a) K.W.H	(b) K.V.A	(C) K.W	(d) K.V.A.R	<b>a</b>
	The hardest metal is				
59	(a) Diamond	(b) Iron	(C) Coal	(d) Copper	<b>a</b>
	Which is required for preparation of drinking soda				
60	(a) NO	(b) CO	(C) CO <sub>2</sub>	(d) SO <sub>2</sub>	<b>c</b>

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS**

**TECHNICAL**

S.No	QUESTIONS				ANSWER
61	Which of the following has greatest viscosity				
	(a) Air	(b) Hydrogen	(C) Water	(d) Mercury	<b>d</b>
62	The acid used in automobile battery is				
	(a) NaCl	(b) HCl	(C) HNO <sub>3</sub>	(d) H <sub>2</sub> SO <sub>4</sub>	<b>d</b>
63	An electric bulb has a filament made of				
	(a) Copper	(b) Iron	(C) Aluminium	(d) Tungsten	<b>d</b>
64	Steel rails are welded by				
	(a) Gas welding	(b) Thermit welding	(C) Resistance welding	(d) Argon arc welding	<b>d</b>
65	Megger is an instrument to measure				
	(a) Very low resistance	(b) Insulation resistance	(C) Inductance of coil	(d) All the above	<b>d</b>
66	Chisels are used for				
	(a) Thread cutting	(b) Chipping	(C) Drilling	(d) Champering	<b>d</b>
67	IC engine means				
	(a) International combustion engine	(b) Internal combustion engine	(C) Internal combination engine	(d) Internal competition engine	<b>b</b>
68	Crank shaft is made of				
	(a) High carbon steel	(b) High speed steel	(C) Cast Iron	(d) Mild steel	<b>a</b>
69	One horse power is equal to				
	(a) 200 foot-pound/ sec	(b) 500 foot-pound/sec	(C) 550 foot-pound/sec	(d) None of these	<b>c</b>
70	Hertz is the unit of				
	(a) Energy	(b) Electric field strength	(C) Frequency	(d) Magnetic permeability	<b>c</b>

**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS****TECHNICAL**

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**STUDY MATERIAL FOR THE POST OF ALP'S against 50% earmarked for Lateral induction from DIESEL SHEDS****TECHNICAL**

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70	Hertz is the unit of (a) Energy (b) Electric field strength (C) Frequency (d) Magnetic permeability	<b>c</b>