# RRB Assistant Loco Pilot and Technician Model Paper - II

#### General knowledge, Reasoning, Arithmetic

1.	The Suez Canal joins Red !	Sea with?
	a) Black Sea	b) Caspian Sea
	c) Mediterranean Sea	d) Arabian Sea
2.	Mahatma Gandhi was bor	rn at?
	a) Baroda	b) Sabarmati
	c) Rajkot	d) Wardha
3.	Which of the following is	a Karif Crop in our country?
	a) Wheat	b) Maize
	c) Barely	d) Opium
4.	Pankaj Advani's name is a	associated with?
	a) Billiards	b) Chess
	c) Police Service	d) Politics
5.	The term "Middle Path" a	ssociated with?
	a) Jainism	b) Buddhism
	c) Hinduism	d) None
6.	Which of the following is	the oldest Dynasty?
	a) Chalukyas	b) Cholas
	c) Pallavas	d) Satavahanas

7.	The founder of all Indian National Congress?				
	a) A.O. Hume	b) Nehru			
	c) Gandhi	d) Tilak			
8.	Which Veda contains	sacrificial formulae?			
	a) Rigveda	b) Samaveda			
	c) Yajurveda	d) None			
9.	Which was the main p	ort city of Harappa Civilisation?			
	a) Harappa	b) Mohenjodaro			
	c) Lothal	d) None			
10.	The oldest Veda is?				
	a) Rigveda	b) Samaveda			
	c) Yajurveda	d) None			
11.	At which place did Bud	ddha die?			
	a) Kusinagara	b) Sarnath			
	c) Kundagrama	d) None			
12.	The Buddhists literatu	re was written in?			
	a) Sanskrit	b) Pali			
	c) Hindi	d) None			
13.	Where is the Meanaks	hi temple situated?			
	a) Karnataka	b) Madurai			
	c) Maharashtra	d) None			

14.	The Book titled 'Lilavati' is related to?					
	a) History		b) Polity			
	c) Admin <mark>i</mark> stratio	n	d) Mathematics			
15.	Where was the	Capital of S	hivaji situated?			
	a) Sasaram		b) Rajgarh			
	c) Raigarh		d) None			
16.	Who built the G	rand Trunk	Road?			
	a) Ashoka		b) Chandragupta			
	c) Shershah		d) Humayun			
17.	"Gidda" is the famous folk dance of?					
	a) Punjab		d) Karnata <mark>ka</mark>			
	c) Maharashtra		d) None			
18.	Gandhara Art fl	ourished ur	nder?			
	a) Gupta		b) Kushana			
	c) Bactrians		d) None			
19.	How many strin	gs are there	e on a Sarod?			
	a) 19	b) 15	c) 20	d) 25		
20.	How many "Ma	hajanapado	as" in Ancient Indian Hi	story?		
	a) 13	b) 14	c) 15	d) 16		
21.	Which of the fo	lowing is th	ne currency of Bahrain?			
	a) Peso		b) Dinar			
	c) Riyal		d) Bahat			

22.	Common wealth games 2014 will be organised in?					
	a) London		b) New Delhi			
	c) Glasgow		d) Toronto			
23.	Deepika Kumari	's name ass	sociated with?			
	a) Swimming		b) Archery			
	c) Billiards		d) Cricket			
24.	Which of the fol	lowing terr	ns not associated with I	Banking (or) Finance?		
	a) SLR		b) LBW			
	c) Credit		d) Repo rate			
25.	Which of the fol	lowing cup	s/trophies is associated	with the game of		
	cricket?					
	a) Ranji Trophy		b) Davis cup			
	c) Thomas cup		d) Nehru trophy			
26.	How many mem	bers are no	ominated by the preside	ent of India to the Rajya		
	Sabha?					
	a) 5	b) 6	c) 8	d) None		
27.	Members of the	Lok Sabha	are elected for a period	l of?		
	a) 4 years		b) 5 years			
	c) 6 years		d) 7 years			
28.	Complete the fo	llowing se	ries A D G J M P S V			
	a) B	b) C	c) Y	d) X		

29.	Com	plete t	he seri	es 7, 1	0, 8, 11, 9,	12,				
	a) 12	, 15		b) 13	, 14	c) 7,	11		d) 10,	13
30.	Find	odd m	an out	?						
	1) Ey	e	2) No	se	3) Ear	4) Bra	ain			
	a) 1			b) 2		c) 3			d) 4	
31.	Find	odd m	an out	?						
	1) 27		2) 64		3) 8	4) 9				
	a) 1			b) 2		c) 3			d) 4	
32.	VAB:	UCD:	TEF :_	_?						
	a) RIJ			b) SKI	L	b) SIJ			d) SGI	4
33.	Put i	n mea	ningful	order	?					
	1) Ar	rest	2) Th	eft	3) Punish	ment	4) Ju	dgmen	t	5) Court
	a) 2,	1, 5, 4	, 3		b) 1	, 5, 2, 3,	4			
	c) 1,	2, 3, 4	, 5		d) 1	, 2, 3, 5,	4			
34.	Put i	n mea	ningful	order	?					
	1) Se	t	2) Go		3) Ready	4) Ta	rget	5) Sta	art	
	a) 2,	3, 1, 4	, 5		b) 1	, 4, 3, 2,	5			
	c) 4,	3, 2, 1	, 5		c) 3,	5, 1, 2,	4			
35.	Selec	t the	missing	numb	er:					
	8	9	6							
	6	3	2							
	5	4	?							
	240	108	96							
	a) 90			b) 36		c)12			d) 8	

36.	The heights of A and B are equal. C is shorter than A, D is shorter than E								
	but taller than	but taller than B, who is the tallest of all?							
	a) E	b) B	c) D	d) C					
37.	If 'x' means '+	', '+' means '÷', '	-' means 'x'; '÷' me	eans '-' then 8 X 7-8 +					
	40 ÷ 2 = ?								
	a) 44	b) $7\frac{2}{5}$	c) 1	d) $8\frac{3}{5}$					
38.	From the give	n alternatives sele	ect the word which	cannot be formed					
	"SIMULTANEO	"SIMULTANEOUS"?							
	a) SINGLE	1							
	c) STEAL		d) SILENT						
39.	"Roshan" starts from house and walks 2 km towards east, turns right and								
	walks 1 km, turns right again and walks 1km. what is the direction from								
	him?								
	a) East	b) West	c) North	d) South					
40.	The ratio of Boys and Girls in a School is 3:2. When 6 more girls join this								
	ratio becomes 6:5. Then the number of boys in the school is?								
	a) 42	b) 36	c) 24	d) 30					
41.	If 35% of x is	735, then 80% of <i>x</i>	is?						
	a) 1680	b) 880	c) 780	d) 1080					
42.	A dealer offer	A dealer offers successive discounts of 20%, 10% and 5%. A single							
	equivalent dis	scount rate is?							
	a) 35%	b) 31.6%	c) 22.8%	d) 30%					

43.	If the price of oil is increased by 25% what will be the percentage							
	consumption of oil that a house must reduce, expenditure not increases?							
	a) 15%	b) 10%	c) 20%	d) 25%				
44.	Arun bought a	second hand m	usic system for Rs. 20	00. He spent Rs. 400				
	on repairing. T	he selling price	of the system if he wa	ants to gain $16\frac{2}{3}$ % is?				
	a) Rs. 2800	b) Rs. 3000	c) Rs. 2400	d) Rs. 2600				
45.	If the ratio of t	he sides of two	equil <mark>ateral tri</mark> angles i	s 1: 2, then the ratio of				
	their areas is?							
	a) 4:9	b) 1:4	c) 1 : 2	d) 2:3				
46.	The angles of a	triangle are in	the ratio 1: 4: 5, then	the triangle is?				
	a) Scalene		b) Right angle					
	c) Isosceles		d) None					
47.	A person sells	36 oranges per	rupees and suffers a le	oss of 4% find how				
	many oranges should be sold per rupee to gain 8%?							
	a) 30	b) 28	c) 32	d) 40				
48.	The age of Sola	r System is?						
	a) 7.8 billion Ye	ars	b) 3.2 billon Years					
	c) 3.8 billion Ye	ars	d) 4.6 billion years					
49.	Which of the fo	ollowing is the	ore of iron?					
	a) Hematite		b) Bauxite					
	c) Galena		d) None					

50.	50. Name of river that does not originate in Western Ghats?				
	a) Kaveri		b) Vaigai		
	c) Barak		d) Godavari		
51.	In which part of the	ne transform	mer maximum heat is pro	oduced?	
	a) Core		b) Oil		
	c) Windings		d) frame		
52.	The resistance of	a 100 watt	230 v lamp is?		
	a) 52.0 Ω		b) 529 Ω		
	c) 2.3 Ω		d) None		
53.	Core of the transf	ormer is ma	ade up of?		
	a) Iron		b) Copper		
	c) Low silicon stee	ı	d) High silicon steel		
54.	If a 1000 w heater	is used for	5 hrs, then the cost of e	nergy Rs.1.50/unit	
	will be?				
	a) Rs. 1.50	b) Rs. 15	c) Rs. 225	d) Rs. 7.50	
55.	Plug gauge is used	for?			
	a) Checking hole s	ize	b) Checking Oval size		
	c) Taper checking		d) None		
56.	The least count of	vernier be	vel protractor is?		
	a) 5 seconds		b) 1 <sup>0</sup>		
	c) 5 minutes		d) 90°		

57.	Surface plates is commonly us		sed fo	r checking?		
	a) Surface		b) Right angle			
	b) Angle		d) 6	0° angle		
58.	A complete turn of not on a be		olt is	called?		
	a) Pitch		b) Le	ead		
	c) Helix angle		d) R	ound		
59.	Thread angle of Acme thread		is?			
	a) 60°	b) 45°		c) 90°	d) 29 <sup>0</sup>	
60.	Why annealing is	done?				
	a) Soften material		b) Harden metal			
	c) Remove stresse	s	c) N	one		
61.	The distance between two crests in a thread is named as?					
	a) Pitch	b) Lead		c) Helix	d) None	
62.	The ratio between Force of friction and normal reaction is known as?					
	a) Angle of friction	i	b) A	ngle of repose		
	c) co-efficient of friction		d) None			
63.	The efficiency of a screw Jack independent of?					
	a) Load		b) Helix angle			
	c) Angle of friction		c) None			
64.	A "Thyristor" is of	ten used in	?			
	a) Wall clocks		b) N	Iulti meters		
	c) Speed control of motoring		d) None			

65.	Which rectifier re	equires four	diodes?			
	a) Half wave		b) Full wave			
	c) Full wave Bridg	e	d) None			
66.	Who was the first recipient of Bharat Ratna to be awarded					
	posthumously?					
	a) Rajendra Prasa	id	b) Indira Gandhi			
	c) Lal Bahadur Sa	stry	d) Mother Teresa			
67.	"Right to constitu	utional rem	edy" has been mentione	ed in which article of		
	the constitution?					
	a) Article 30		b) Article 32			
	c) Article 35		c) None			
68.	The HCF of two n	umbers is 1	2 and their LCM is 144.	If one of them is 36		
	the other is?					
	a) 36	b) 48	c) 52	d) None		
69.	The ratio of load	lifted to eff	effort applied is termed as?			
	a) Efficiency		b) Velocity ratio			
	c) M.A		d) None of the above			
70.	If a machine called as Reversible its efficiency?					
	a) <50 %		b) =50%			
	c) >50%		d) 100%			
71.	Water stored in a "Dam" possesses?					
	a) No energy		b) Electrical energy			
	c) Kinetic energy		d) Potential energy			

72.	Find the area of a square if the sum of the diagonals is 100 cm?						
	a) 1000 cm <sup>2</sup>		b) 1250 cm <sup>2</sup>				
	c) 5000 cm <sup>2</sup>		d) None				
73.	Work done is m	easured by?					
	a) Mass × Veloci	ty	b) Mass × Acceleration				
	c) Force × Distan	ce	d) Force × Time				
74.	Which layer of a	tmosphere i	is closest to the earth?				
	a) Stratosphere		b) Troposphere				
	c) Mesosphere		d) Thermosphere				
75.	Which is the firs	t el <mark>ement i</mark> n	periodic table?				
	a) Hydrogen		b) Oxygen				
	c) Neon		d) Helium				
76.	One gallon =	litres.					
	a) 4.5 4	b) 4.1	c) 3.54	d) 8			
77.	The value of √6-	+2√7+3√ <del>36</del> =					
	a) 1	b) 2	b) 3	d) 4			
78.	The difference b	etween com	pound interest and simpl	e interest on Rs. 200			
	at 20% per annum for two years is?						
	a) Rs. 5	b) Rs. 6	c) Rs. 7	c) Rs. 8			
79.	Average of "n" e	ven number	rs is?				
	a) n2	b) $\frac{(n+1)}{2}$	c) (n+1)	d) (n+2)			

80.	If the number $7x394$ is divisible by '11' then the value of 'x' is?					
	a) 3	b) 4	c) 5	d) 6		
81.	Bronze consists	of copper a	nd?			
	a) Zinc		b) Tin			
	c) Silicon		d) Phosphorus			
82.	The Hole provid	ed in the ar	nvil is?			
	a) Round		b) Triangle			
	c) Rectangle		d) Hexagon			
83.	The voltage less	than 250 V	is known as?			
	a) Low voltage		b) High voltage			
	b) Extra high vol	tage	d) Medium voltage	e		
84.	Difference between the synchronous speed and the Induction motor					
	speed is called?					
	a) Regulation		b) Slip			
	c) Back lash		d) lag			
85.	Bench vice size	is given by?				
	a) length of jaw		b) size of spindle			
	c) width of jaw		d) weight of vice			
86.	On 'LATHE' to se	upport heav	y rods while turning v	we use?		
	a) Dead centre		b) Tail stock			
	c) Steady rest		c) carrier			

87.	Micrometers have least count of?				
	a) 0.02 mm	b) 0.1 mm	c) 0.001mm	d) 0.01 mm	
88.	Tri square is used to check the job?				
	a) Length wise		b) on 45°		
	c) Depth wise		d) on 90°		
89.	Identify the operation that is not normally done on a lathe?				
	a) Knurling		b) Threading		
	c) Tapering		c) Square cutting		
90.	The refrigerant for ice plant is?				
	a) CO <sub>2</sub>		b) Ammonia		
	c) Methyl		c) Water		
91.	Borax flux is used in?				
	a) Soldering		b) Welding		
	c) Brazing		d) All of the above		
92.	One ton of refrigerant is?				
	a) 200 KJ/min		b) 211KJ/min		
	c) 215 KJ/min		d) 250 KJ/min		
93.	Elbow is used to giveturn to the pipe?				
	a) 45°	b) 30°	c) 180°	d) 90°	
94.	"Tesla" is the unit of?				
	a) Flux		b) Field strength		
	b) Flux density		d) None		

95.	"Megger" is an instrument to measure?				
	a) Very low resistance	b) Insulation resistance			
	c) Inductance	d) None			
96.	Two condensers of capacity 2F and 3F are connected is series and a third				
	condenser of 1F is connected in parallel to them. The resultant capacity				
	will be?				
	a) $\frac{11}{5}$ F b) $\frac{5}{11}$ F	c) $\frac{5}{6}$ F d) 6F			
97.	In drilling operation the feed is expressed in?				
	a) mm	b) mm/sec			
	c) mm/min	d) mm/revolution			
98.	Two Bulbs are marked 100w / 220 v and 60 w / 220 v. Which has the				
	highest resistance?				
	a) 100 w	b) 60 w			
	c) Both same	d) None			
99.	In a Diesel engine the fuel is ignited by?				
	a) Spark	b) Injected fuel			
	c) Combustion chamber	d) None			
100.	How are electrical circuits protected from overheating?				
	a) Thermocouples	b) Shunts			
	c) Fuses	d) Solenoids			

KEY 1) c 21) b 41) 61) 81) b a a 2) 22) 42) b 62) 82) C C C C 23) 3) 43) 63) 83) b b c a a 4) a 24) b 44) a 64) C 84) b 5) 25) 45) 65) 85) b a b c a 6) d 26) 46) 66) 86) d b C C 7) 27) 67) b 47) b 87) d a c 8) 28) 48) d 68) b 88) d C C 9) 29) d 49) 69) 89) C c d a 10) 30) d 50) 70) c 90) b a c 11) 71) 31) d 51) d 91) C C 12) 32) d 52) 72) b 92) b b b 13) b 33) 53) d 73) 93) d C a 14) 74) d 34) 54) b 94) c d d 15) 35) 55) 75) 95) b C d a a 16) 36) 56) 76) 96) c a C a a 17) d 37) 57) 77) d 97) b a a 18) 38) 58) 78) b a a d 98) b 19) 39) 59) d 79) 99) d b a C

60)

c

80)

C

100)

C

20)

d

40)

b