

ANSWER KEY FOR THE QUESTION PAPER FOR THE SELECTION TO THE POST OF SENIOR INSTRUCTOR/TECHNICAL SUPERVISOR AT IRIDM?HJL

Date of Examination: 06.03.2023

Time: 11.00 Hrs

Venue: MDDTI/SBC

Q. No.	QUESTION	OPTIONS				Answer
		A	B	C	D	
1	Who is the competent person to declare a Railway accident as DISASTER?	PCME	PCEE	DGM	AGM	D
2	_____ is an example of Manmade Disaster.	Earthquake	Landslide	Fire on train	None of these	C
3	Which of the following should NOT be done when your clothes catch fire?	RUN	ROLL on GROUND	DROP to GROUND	None of these	A
4	Which of the following should NOT be done during a flood?	Shut off electricity supply	Walk away from power lines	Drive through flood waters	None of these	C
5	A' in First Aid stands for	Airway	Arterial Circulation	Asphyxiation	None of these	A
6	_____ item forms a part of the basic emergency kit.	Wire	Torch	Blanket	B & C	D
7	_____ is the nodal ministry for dealing with Landslides	Agriculture	Mines	Petroleum and Natural Gas	None of these	B
8	DUCK, COVER & HOLD is to be done during	Fire	Flood	Earthquake	None of these	C
9	_____ is an after effect of flood.	Epidemic	Fire	Both A & B	None of these	A
10	Accident Manual is applicable for staff working in Railway workshops.	Fully	Yes, wherever stated	Not Applicable	None of these	B
11	_____ is the punishment for primary responsibility in case of a COLLISION resulting in loss of human life.	Dismissal	Removal from Service	Any Major Penalty	None of these	A
12	_____ is the punishment for primary responsibility in case of a AVERTED COLLISION.	Dismissal	Removal from Service	Any Major Penalty	None of these	B
13	SPAD stands for _____ passing at DANGER.	Signage	Symbol	Signal	Site	C
14	_____ is the punishment for Loco Pilot Overspeeding causing derailment of train with other contributory factors.	Dismissal	Removal from Service	Any Major Penalty	None of these	B

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15	_____ is the punishment for shed staff for negligence in repairs of rolling stock resulting in accident.	Dismissal	Removal from Service	Reduction to a lower stage in time scale	None of these	C
16	_____ is an example of consequential train accident.	Collision	Fire in train	LC gate accident	All of these	D
17	Derailment of a goods train is an example of _____ train accident.	Consequential	Inconsequential	Both A&B	None of these	A
18	Which of the following is NOT an example of indicative accident?	SPAD	Averted Collision	Breach of Block rules	All of these	D
19	Collision occurring in a loco shed is an example of _____ accident.	Yard	Station	Mainline	None of these	A
20	HOT AXLE is considered as _____.	Yard Accident	Equipment failure	Averted Collision	None of these	B
21	Switching OFF OHE for more than _____ minutes is considered as a failure.	1	2	3	4	C
22	Which of these is NOT an example of Permanent Way failure?	Buckling of track	Weld failure	Rail fracture	None of these	D
23	Parting of a Goods train in yard is an example of _____.	Equipment Failure	Indicative Accident	Unusual incident	None of these	A
24	Train wrecking or sabotage is classified under class _____.	L	M	N	P	C
25	_____ is considered under R-4 classification of accident.	CRO	Floods	Landslides	Both B & C	D
26	Which is the foremost objective in Disaster management?	Save Lives	Protect property	Restore communication	certain cause of accident	A
27	_____ and _____ are two important aspects to be recorded for any railway accident.	Zone and Division	State and District	Time and Place	None of these.	C
28	_____ will be site incharge of the accident site.	Sr DEE	Sr DCM	Sr DME	Senior most Officer present	D
29	GR 6.03 deals with _____.	Protection of Train	Protection of Station	Protection of track	None of these.	A
30	Which of them is NOT responsible for protection of the accident involved train?	Train Manager	LP	ALP	TTE	D

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31	_____ has to inform regarding train accident to Civil authorities.	Train Manager	SM	Pointsman	LP	B
32	_____ will inform DRM/ADRM regarding the details of the accident.	Power Controller	C&W Controller	Chief Controller	None of these.	C
33	ACC 6 is to be filled and submitted by _____.	Senior most Supervisor	LP	ALP	SM	A
34	_____ is responsible for supply of drinking water to the injured and other passengers.	SM	TI	CLI	CMI	D
35	_____ is responsible for preparation of site sketch.	SSE PWAY	CLI	TI	None of these.	A
36	_____ is not a function of commercial department.	Securing of rolling stock at site.	Supply of water to passengers	Maintaining list of dead	Arranging labour for transhipment of goods	A
37	Target time for despatch of BD special during day time is _____ minutes.	20	30	40	50	B
38	Siren testing is carried out once in every _____.	Week	Month	Quarter	Year	A
39	The siren code for yard derailment requiring ART is _____.	Two Long	Two long Two short	One Long One short	None of these.	A
40	Four long siren code stands for _____ accident requiring ART.	Yard	Outstation- Traffic Not affected	Outstation-Traffic Affected	None of these.	C
41	In the event of long range electric siren being out of order which of the following can be used as an alternative?	Whistle of TMR	Whistle of Loco	Station Bell	Both B & C	D
42	Periodical Inspection of Breakdown Special is conducted by Divisional officers once in _____.	1 month	2 months	3 months	4 months	C
43	In case of a murder is committed in a coach of a train _____ shall have the coach emptied so as to protect the evidences.	Train Manager	TTE	SSE Pway	None of these	A
44	Which of the following should NOT be done in case of accident involving LPG tank wagons?	Inform OMC	Stay in Upwind area	Isolate the hazard area	None of these	D
45	Which of the following should be done in case of fire accident involving LPG tank wagons?	Isolate the wagon ON fire	Use Fire extinguishers	Cool the tanks which are exposed to flames with water	None of these	A
46	In the case of rising water level in the tanks/rivers, the SMs of adjacent stations shall inform _____.	SSE C&W	SSE Electrical	SSE Pway	SSE DSL	C

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47	_____ are issued to the next of kin of the victims of passengers involved in accident to travel back to their destination.	PTO	Prievelage PASS	Complimentary Pass	None of these	C
48	The first hour which is crucial for rescue in any accident is known as _____ hour.	Silver	Golden	Star	Green	B
49	_____ is the overall incharge of ART.	JE	SSE	AME	DRM	B
50	When the passengers are unable to exit the compartment normally in case of an accident it is known as _____.	Mechanical Entrapment	Physical Entrapment	Rapid Entrapment	None of these	A
51	Which of these are Qualities of Good Rescuer?	Initiative	Versatility	Physical Fitness	All of these	D
52	Oil control Valve in HRD has _____ positions.	One	Two	Three	Four	C
53	Which of the following is NOT a step in rescue with HRD?	Marking	Drilling	Cutting	Pressing	D
54	_____ is used in pulling out jammed doors in an accident coach.	Spreader	Chains	Both A&B	Drill	C
55	_____ is used to create gap when coach side body pillars are difficult to open with spreader.	Treppanner	Chain Sling	Rescue Ram	None of these	C
56	The colour of oxygen cylinder in India is	Blue	Green	Black	All of these	C
57	The fittings pertaining to fuel gas have _____ handed thread.	Right	Left	Centre	None of these	B
58	Plasma Cutting is ideally suited for _____.	Stainless Steel	Aluminium	Both A&B	None of these	C
59	Telescopic ladder used in ART is made of _____.	Mild Steel	Cast Iron	Aluminium	Stainless Steel	C
60	SPART stands for _____ Accident Relief Train.	Standard Performance	Self Propelled	Self Protected	Self Proven	B
61	SPART is a _____ coach formation.	TWO	THREE	FOUR	SIX	B
62	Which of the following is NOT a feature of SPART?	Lighter Weight	Higher Traction Speed	Hydraulic Transmission	None of these	D

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63	The water separator is located on _____ in the Fuel system of SPART.	Inlet	Outlet	Tank	Both Inlet and Outlet	A
64	The radiator fan of SPART is _____ driven.	Manual	Hydraulic	Electric	None of these	C
65	Which of the following are functions of the Power Transmission oil in Voith Turbo transmission?	Lubricating	Cooling	Controlling	All of these	D
66	The engine and transmission are coupled and mounted on _____ assembly in SPART.	SKID	BAR	BRACKET	None of these	A
67	_____ is used for toppling of coaches.	Single piston jack	LIFTING Jack	Tilting Jack	None of these	C
68	_____ is used for joining of two rerailing bridges.	Jack Coupling	Bridge Coupling	C Clamp	None of these	B
69	_____ helps to push the derailed vehicle wheel set on track.	Axle Pusher	Axle Guide	Tilting Jack	Control Stand	A
70	_____ is used for pulling capsized vehicles.	Axle Pusher	Hydraulic Haulage Device	Manila Rope	None of these	B
71	Which is a limitation of 140 T DHBD Rail crane?	Working inside Tunnel	Working under OHE	Lifting of Locomotives	All of the above.	D
72	The competency for driving and operating 140 T DHBD crane is given by _____.	Sr DEE	Sr DME	Sr DOM	Sr DEN	B
73	SLI stands for _____ indicator.	Stable Load	Safe Load	Swivel Load	Safe Length	B
74	_____ is provided in a 140 T DHBD crane to ensure that axle load is limited and equally distributed.	Relieving Bogie	Ballast Wagon	SLI	None of these.	A
75	The braking in 140 T DHBD rail crane is	Hydraulic	Electric	Pneumatic	Piezoelectric	C
76	Which of the following is NOT a counterweight of Gottwald new design DHBD crane?	8T	10T	15 T	24 T	B
77	The maximum slewing of load by 140 T DHBD crane is _____ degrees.	90	180	360	None of these.	C
78	_____ locos are provided with Holes on buffer plate for lifting with 140T DHBD crane.	WDG3A	WAP4	WDP4	None of these.	A

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79	_____ to be used for lifting of coaches by 140T DHBD cranes to prevent damage to the body of coach.	Lifting Beam	Auxillary Hook	L type hook	None of these.	A
80	_____ line is used for propping of crane for launching FOB girder in a station.	Platform Line	Non Platform Line	Any Line with or without platform	None of these.	B
81	Neutral section lies between	Two Block Sections	Two Station Sections	Two Sub-Stations	Two Junctions hall	C
82	The speed of the train while passing through Neutral Section not to be less than.....kmph.	45	20	60	30	D
83	What is the maximum Child Care leave (CCL) applicable for lady employees in Indian Railways	1 Year	2 Years	3 Years	4 Years	B
84	Heavy winds above.....kmph is considered as dangerous for running trains..	65	45	30	25	A
85	Hotel load facility is available in loco(s)	WAP-5	WAP-7	All WAP-5 and modified WAP-7	All three phase locos	C
86	Non-gazetted cadre in pay matrix level 6 and above are eligible for duty pass travel in	First class	First class A	Both a & b	All the above	A
87	In NPS system the contribution by the central government shall be	10 % basic pay plus DA	14% basic pay plus DA	14% basic pay	10% basic pay	B
88	WAG-9 loco is having type of bogie.	Bo-Bo flexi coil	Co-Co Tri mount	Co-Co flexi coil	Co-Co tetra mount high adhesion	C
89	Axle counters and track circuits are treated as authorized.....	Means of Communication	Means of Knowledge	Means of Transportation	All the above	A
90	Persons with disability may be granted SCL for period of per calendar year.	10 days	11 days	4 days	3 days	C
91	The OHE supply of two traction substations is separated by-----	Neutral section	SP	SSP	TSS	A
92	Single Tender can be called Up to Rs. _____ per case with the approval of DRM in case of accidents, breaches involving dislocation to traffic as per SOP 2018 ?	10 Lakh	15 Lakh	20 Lakh	25 Lakh	A
93	Signal sighting committee comprises of and.....	TI, LI, PWI	LI, SI, TI	LI, PWI, SI	SS, LI, TI	B
94	Standard Form used for imposing Major penalties under RS (D&A) Rules, 1968	9	11	5	All the above	C

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95	Standard Form No. 11 relates to _____ under RS (D&A) Rules, 1968	Issue of major penalty	Issue of suspension	Issue of minor penalty	Nomination of Inquiry Officer.	C
96	The zig-zag arrangement of contact wire is called as-----	Auto tension	Regulating	Un-regulating	Staggering	D
97	Who is competent to sign the notice of final penalty under RS (D&A) Rules, 1968?	Controlling Officer	Enquiry Officer	Disciplinary authority	Appointing authority	C
98	The purpose of ATD in OHE is	Maintains tension in OHE	Uniform wear & tear of Panto	Voltage balancing	All the above	A
99	Maximum speed of ICF (Self Generating) coaches is	110 Kmph	120 Kmph	90 Kmph	80 Kmph	A
100	If ATDs are not provided at both ends of contact and catenary wires, it is known as	Unregulated OHE	Semi regulated OHE	Regulated OHE	Un known	A
101	What is the Official Language of Union of India?	Hindi in Devnagari Script	Hindi in Sanskrit Script	Hindi	All the above	A
102	When is "Hindi Day" celebrated every year?	Sep-04	Sep-24	November 14 th	Sep-14	D
103	The official Languages act 1963, section 3 take effects from ?	26-Jan-63	26-Jan-65	25-Jan-63	25-Jan-65	B
104	What are the States/Union territories that comes under Region "A" ?	Bihar	Punjab	Chhattisgarh	A & C	D
105	What is the expansion for OLIC used by Dept. of Official Language?	Official Language Improvement Committee	Official Language Implementation Committee	Official Language Important Committee	Official Language Implementation Commission	B
106	How many inspections in a month are mandatory for Rajbhasha Adhikari of Railways?	1	3	2	5	A
107	According to Official Language Rules which state coming under 'B' region?	Maharashtra	Jammu & Kashmir	Jharkhand	Nagaland	A
108	At present how many languages are enlisted in the Eighth Schedule of the constitution?	18	20	22	21	C
109	Which is the final Hindi course prescribed for Clerical cadre employees of Central Govt.?	Praveen	Prabodh	Parangat	Pragya	D
110	In which order Name, Designation and Sign Boards are to be exhibited?	Trilingual (Hindi, Regional & English)	Trilingual (English, Regional & Hindi)	Trilingual (Regional, English & Hindi)	Trilingual (Regional, Hindi & English)	D