

ANSWER KEYS FOR QUESTION PAPER

Written Examination for Junior Engineer/PWAY 20% LDCE in level 6 Engineering Department ASN
Division.

TOTAL MARKS: - 100 Marks

EXAM DATE-26.05.24


SET: - A

(55x2= 100 Marks)

1	b) 50m.
2	d) All the above.
3	b) curved switch
4	b) 45° to the vertical
5	b) pusher gradient
6	d) All the above.
7	a) At an inward slope of 1 in 20
8	c) A reverse curve introduced in continuity of a turn out
9	d) All the above.
10	d) All the above.
11	c) Weight per meter length
12	d) 8°
13	c) High carbon steel
14	d) 90°
15	a) Difference in height between outer and inner rail
16	c) $e = GV^2/127R$
17	b) 75mm
18	c) Turnout
19	a) Between straight line and circular curve
20	a) Life of track is independent of track maintenance
21	b) Land acquisition
22	b) It has good drainage properties
23	a) For providing services for running the trains
24	c) Aesthetic appearance
25	a) Length of rail in meters
26	d) Both Thermit and flash butt welding
27	b) Gross million tonnes per km/annum
28	b) 250mm
29	a) Increased track loading
30	a) kg/cm^2
31	c) Magnetic force
32	a) Sleepers and Ballast
33	d) Sixteen zones
34	b) Suspended


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35	b) Wheel base distance
36	d) All of these
37	c) 150 mm
38	b) Ruling gradient
39	c) 0.04 percent per degree
40	a) Two sets of switches and two crossings
41	b) Sleeper density
42	d) SF-5
43	d) Daily Material transaction register
44	c) 2:1
45	b) Sharp curve
46	c) सितंबर 14 / September 14
47	b) वर्ष 1955 में / In the year 1955
48	d) वर्ष 1960 में / In the year 1960
49	d) प्रधान मंत्री / Prime Minister.
50	c) तीन / Three.
51	b) cot A
52	d) All of these
53	d) None of the above
54	a) More than 90%
55	a) Rounded


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ANSWER KEYS TO QUESTION PAPER FOR

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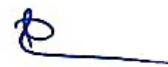
TOTAL MARKS: - 100 Marks

EXAM DATE-26.05.24


SET: - B

(55x2= 100 Marks)

1	c) weight per meter length
2	d) 8°
3	c) High carbon steel
4	d) 90°
5	a) Difference in height between outer and inner rail
6	c) $e = GV^2/127R$
7	b) 75mm
8	c) Turnout
9	a) Between straight line and circular curve
10	a) Life of track is independent of track maintenance
11	c) Magnetic force
12	a) Sleepers and Ballast
13	d) sixteen zones
14	b) Suspended
15	b) Wheel base distance
16	d) all of these
17	c) 150 mm
18	b) Ruling gradient
19	c) 0.04 percent per degree
20	a) Two sets of switches and two crossings
21	b) 50m.
22	d) All the above.
23	b) Curved switch
24	b) 45° to the vertical
25	b) Pusher gradient
26	d) All the above.
27	a) At an inward slope of 1 in 20
28	c) A reverse curve introduced in continuity of a turn out
29	d) All the above.
30	d) All the above.
31	b) Land acquisition
32	b) It has good drainage properties


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33	a) For providing services for running the trains
34	c) Aesthetic appearance
35	a) Length of rail in meters
36	d) Both Thermit and flash butt welding
37	b) Gross million tonnes per km/annum
38	b) 250mm
39	a) Increased track loading
40	a) kg/cm^2
41	b) sleeper density
42	d) SF-5
43	d) Daily Material transaction register
44	c) 2:1
45	b) sharp curve
46	c) सितंबर 14/September 14
47	b) वर्ष 1955 में / In the year 1955
48	d) वर्ष 1960 में / In the year 1960
49	d) प्रधान मंत्री / Prime Minister.
50	c) तीन / Three.
51	b) cot A
52	d) All of these
53	a) None of the above
54	a) More than 90%
55	a) Rounded


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