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RRB Mumbai Junior Engineer Solved paper-5 (2007)

Directions Q: 1-2: In these questions, select suitable word/phrases to fill in blanks

1. He deals _____ grocery nowadays.

1. out 2. in 3. with 4. for

Answer: 2

2. He is popular _____ his subordinates

1. through 2. with 3. within 4. in

Answer: 2

Directions Q: 3

-

4: In these equations, select a word which is opposite in meaning to the given word in

Capital letters.

3. F

INALLY

1. Lately 2. Timely 3. Usually 4. Initially

Answer: 4

4. PERMIT

1. Check 2. Disallow 3. Decline 4. Allow

Answer: 2

Directions (Q.Nos. 5

-

7): In following questions a word has been written four

1. Primary winding

2. Secondary

winding

3. High voltage winding

4. Low voltage winding

Answer: 3

59. Iron core of power transformer is laminated

1. to reduce copper losses

2. to reduce hysteresis losses

3. to reduce eddy current losses

4. Both (1) and (3)

Answer: 2

60. In a transformer, hysteresis losses can be reduced

1. by reducing the thickness of the iron core laminations

2. by controlling silicon content of the steel laminations

3. by reducing the load on the transformer

4. None of these

Answer: 1

61. Why Lubrication

is done

1. To Increase the speed 2. To Prevent Friction between the Mating Parts

3. To avoid heat 4. None of These

Answer: 2

62. The Height of switch board fixed is usually

1) 3 Meters 2) 9 Meters 3) 1.5 Meters 4) 0.25 Meters

Answer : 3

63. In a c

iling fan employing capacitor run motor

1. primary winding surrounds the secondary winding
2. secondary winding surrounds the primary winding
3. Both are usual arrangements
4. None of them are usual Arrangements

Answer: 3

64. The zenor diode will re

gulate so long as it is kept in

1. forward conduction
2. idle conduction
3. reverse conduction
4. None of these

Answer: 1 65. In radio communication the medium of communication is

1. antenna 2. radar 3. space 4. satellite

Answer: 2

66. The sound is

characterized by __ and amplitude

1. velocity 2. pitch 3. frequency 4. medium

Answer: 2

67. The LED light is mainly emitted because

1. diode emits light when heated
-

2. recombination of charge takes place

3. it follows the heating laws

4. None of these

Answer: 2

68. Generally bridge rectifiers are preferred because

1. they require less input

2. they require big size of transformer

3. they require less peak inverse voltage

4. None of these

Answer: 3

69. The common base configurati

on amplifier is used

1. in low frequency circuitry

2. in very high frequency circuitry

3. in medium frequently

4. None of these

Answer: 2

71. The FET can be used as

1. capacitor 2. inductor 3. variable resistance 4. None of these

Answer: 3 72. The

force which controls the deflecting force is known as

1. controlling force

2. deflecting force

3. damping force

4. None of these

Answer: 3

73. The moving coil type instruments are best suited for

1. dc Measurements

2. ac Measurements

3. ac/dc meas

urements

4. power factor measurements

Answer: 2

74. The scale of hot wire instrument is

1. even

2. uneven

3. crowded in the beginning

4. crowded in the end

Answer: 3

75. The

Cells convert light falling directly in to electric current

1. Photo Voltaic 2. Photo 3. Vacuum 4. gas filled

Answer: 1

76. As the current flows, the

is setup around coil

1. Magnetic flux

2. Electric flux

3. Resonance

4. Amplitude

Answer: 1

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