PMC JE

Previous Year Paper

(Electrical) 08 Oct 2016
Shift 1

Pune Municipal Corporation 08th Oct 2016 Shift 1

Roll No	
Participant Name	
Test Center Name	
Test Date	08/10/2016
Test Time	9:00 AM - 11:00 AM
Subject	Electrical Engineer
Marks Obtain	

Section : **Technical**

Q.1 **A shunt generator running at 1000 r.p.m. has generated e.m.f. as 200V. If the speed increases to 1200 r.p.m., the generated e.m.f. will be nearly**

Question ID : **408192576**
Chosen Option : **4**

Ans
- ✗ 1. 290V
- ✗ 2. 150V
- ✗ 3. 175V
- ✓ 4. 240V

Q.2 **A 100 KM long transmission line is loaded at 110 kV. If the loss of line is 15 MW and the load is 150 MVA, the resistance of the line is**

Question ID : **408192534**
Chosen Option : **1**

Ans
- ✗ 1. 80.6 ohms per phase
- ✗ 2. 0.806 ohms per phase
- ✗ 3. 0.0806 ohms per phase
- ✓ 4. 8.06 ohms per phase

Q.3 **The advantage of cables over overhead transmission lines is**

Question ID : **408192530**
Chosen Option : **1**

Ans
- ✓ 1. Can be used in congested areas
- ✗ 2. Easy maintenance
- ✗ 3. Low cost
- ✗ 4. Can be used in high voltage circuits

Q.4 **The operating voltage of high voltage cables is upto**

Question ID : **408192528**
Chosen Option : **4**

Ans
- ✗ 1. 1.1kV
- ✗ 2. 6.6kV
- ✗ 3. 3.3kV
- ✓ 4. 11kV

Q.5 **A 2kVA transformer has iron loss of 150W and full-load copper loss of 250W. The maximum efficiency of the transformer would occur when the total loss is**

Question ID : **408192557**
Chosen Option : **1**

Ans
- ✗ 1. 400W
- ✗ 2. 500W
- ✓ 3. 300W
- ✗ 4. 275W

Q.6 **Capacitive reactance is more when**

Question ID : **408192507**

Ans
✔ 1. Capacitance is less and frequency of supply is less
✘ 2. Capacitance is more and frequency of supply is less
✘ 3. Capacitance is less and frequency of supply is more
✘ 4. Capacitance is more and frequency of supply is more

Chosen Option : **3**

Q.7 **If *B* is the flux density, *l* the length of the conductor and *v* the velocity of the conductor, then induced e.m.f is given by**

Question ID : **408192508**
Chosen Option : **2**

Ans
✘ 1. Blv^2
✔ 2. Blv
✘ 3. Bl^2v
✘ 4. Bl^2v^2

Q.8 **For the same rating, which of the following motors has the highest start ing torque?**

Question ID : **408192523**
Chosen Option : **1**

Ans
✔ 1. Universal motor
✘ 2. Synchronous motor
✘ 3. All have identical starting torque
✘ 4. Split phase motor

Q.9 **Energy stored by a coil is doubled when its current is increased by**

Question ID : **408192539**
Chosen Option : **1**

Ans
✔ 1. 41.40%
✘ 2. 100%
✘ 3. 35%
✘ 4. 50%

Q.10 **"The total electric flux through any closed surface surrounding charges is equal to the amount of charge enclosed." The above statement is ass ociated with**

Question ID : **408192564**
Chosen Option : **2**

Ans
✘ 1. Maxwell's first law
✘ 2. Coulomb's square law
✘ 3. Maxwell's second law
✔ 4. Gauss's law

Q.11 **Both the number of turns and the core length of an inductive coil are do ubled. It's self inductance will be**

Question ID : **408192503**
Chosen Option : **1**

Ans
✔ 1. Doubled
✘ 2. Halved
✘ 3. Unaffected
✘ 4. Quadrupled

Q.12 **Fleming's left hand rule is used to find**

Question ID : **408192568**
Chosen Option : **2**

Ans
✘ 1. Direction of flux in a solenoid
✔ 2. Direction of force on a current carrying conductor in a magnetic field
✘ 3. Direction of magnetic field due to current carrying conductor
✘ 4. Polarity of a magnetic pole

Q.13 **The current drawn by a 120 V DC motor with back e.m.f of 110 V and ar mature resistance of 0.4 ohms is**

Question ID : **408192544**

Chosen Option : **2**

Ans
✗ 1. 300 A
✓ 2. 25 A
✗ 3. 4 A
✗ 4. 275 A

Q.14 Which of the following type of bearing is generally used to support the r otor of an induction motor?

Question ID : **408192580**
Chosen Option : **4**

Ans
✗ 1. Bush bearing
✗ 2. Plummer block
✗ 3. Needle bearing
✓ 4. Ball bearing

Q.15 The most suitable way of providing electric supply to a multistorey buil ding is by means of

Question ID : **408192551**
Chosen Option : **3**

Ans
✓ 1. Rising main
✗ 2. Overhead line
✗ 3. Paper insulated cable
✗ 4. PVC insulated armoured cable

Q.16 Helical coils can be used on

Question ID : **408192517**
Chosen Option : **3**

Ans
✗ 1. High voltage side of small capacity transformers
✗ 2. High frequency transformers
✗ 3. High voltage side of high kVA rating transformers
✓ 4. Low voltage side of high kVA transformers

Q.17 A current of 2 A through a coil sets up flux linkages of 4 Wb-turn. The in ductance of the coil is

Question ID : **408192561**
Chosen Option : **2**

Ans
✗ 1. 0.5H
✗ 2. 8H
✓ 3. 2H
✗ 4. 1H

Q.18 Which of the following loss in a transformer is zero even at full load?

Question ID : **408192518**
Chosen Option : **2**

Ans
✗ 1. Core loss
✓ 2. Friction loss
✗ 3. Hysteresis loss
✗ 4. Eddy current loss

Q.19 Skin effect exists in

Question ID : **408192533**
Chosen Option : **1**

Ans
✓ 1. AC transmission line only
✗ 2. Cable carrying DC current
✗ 3. DC transmission line only
✗ 4. DC as well as AC transmission lines

Q.20 In the optical fibre used for communication, the core and cladding mate rial used are respectively

Question ID : **408192556**
Chosen Option : **4**

Ans
✓ 1. Ge-doped Silica and pure Silica

✗ 2. Ge-doped Silica and P-doped Silica

✗ 3. P-doped Silica and Ge-doped Silica
✗ 4. Pure Silica and Ge-doped Silica

Q.21 The angle between the rotor poles and stator poles, in a synchronous motor, is known as

Question ID : **408192527**
Chosen Option : **3**

Ans
✗ 1. Power factor angle
✗ 2. Synchronising angle
✓ 3. Torque angle
✗ 4. Angle of retardation

Q.22 A 120V source has a series internal resistance of 1 Ohm. The maximum power that can be delivered to a load is

Question ID : **408192558**
Chosen Option : **4**

Ans
✗ 1. 900W
✓ 2. 3600W
✗ 3. 1800W
✗ 4. 7200W

Q.23 In an induction motor if *P* is the power delivered to a rotor and *s* is the slip, then the power lost in the rotor as copper loss will be

Question ID : **408192521**
Chosen Option : **4**

Ans
✗ 1. s^2P
✗ 2. P/s^2
✗ 3. P/s
✓ 4. sP

Q.24 Primary winding of a transformer comprises of two identical windings in parallel. If one winding is removed, magnetising current will be

Question ID : **408192546**
Chosen Option : **2**

Ans
✗ 1. Increased four times
✗ 2. The same
✓ 3. Doubled
✗ 4. Halved

Q.25 The rotor of an induction motor cannot run with synchronous speed because

Question ID : **408192579**
Chosen Option : **4**

Ans
✗ 1. Induction motor would then become synchronous motor
✗ 2. Lenz's law would be violated.
✗ 3. Air friction prevents it to do so
✓ 4. Rotor torque would then become zero

Q.26 Lamps in street lighting are all connected in

Question ID : **408192548**
Chosen Option : **4**

Ans
✗ 1. Series - Parallel
✗ 2. End-to-end
✗ 3. Series
✓ 4. Parallel

Q.27 In Thevenin's theorem, to find Z

Question ID : **408192562**
Chosen Option : **1**

Ans
✓ 1. All independent voltage sources are short circuited and all independent current sources are open circuited
✗ 2. All independent voltage and current sources are short circuited

✗ 3. All independent voltage sources are open circuited and all indep endent current sources are short circuited

✗ 4. All independent current sources are short circuited and indepen dent voltage sources are open circuited

Q.28 When the field of a synchronous motor is under-excited, the power fact or will be

Question ID : **408192524**
Chosen Option : **4**

Ans
✗ 1. Leading
✗ 2. Zero
✗ 3. Unity
✓ 4. Lagging

Q.29 Ward-Leonard system of speed control is not recommended for

Question ID : **408192514**
Chosen Option : **2**

Ans
✓ 1. Constant speed operation
✗ 2. Frequent motor reversals
✗ 3. Very low speeds
✗ 4. Wide speed range

Q.30 In graphite, bonding is

Question ID : **408192531**
Chosen Option : **2**

Ans
✗ 1. Covalent
✗ 2. Vander Waals
✓ 3. Vander Waals and Covalent
✗ 4. Metallic

Q.31 A 200 turn coil has an inductance of 12mH. If the number of turns is inc reased to 400 turns, all other quantities (area, length etc.) remaining th e same, the inductance will be

Question ID : **408192571**
Chosen Option : **4**

Ans
✓ 1. 48 mH
✗ 2. 14mH
✗ 3. 6mH
✗ 4. 24mH

Q.32 An over compounded DC generator is supplying 800A at full load on 50 0V. The resistance of each conductor is 0.02 ohms. The percentage of compounding is

Question ID : **408192543**
Chosen Option : **1**

Ans
✗ 1. 1.60%
✗ 2. 12.80%
✗ 3. 3.20%
✓ 4. 6.40%

Q.33 The speed of a motor falls from 1100 r.p.m. at no load to 1050 r.p.m. at rated load. The speed regulation of the motor is

Question ID : **408192578**
Chosen Option : **3**

Ans
✗ 1. 8.84%
✗ 2. 6.77%
✓ 3. 4.76%
✗ 4. 2.36%

Q.34 The property of a material which opposes the creation of magnetic flux in it is known as

Question ID : **408192570**
Chosen Option : **1**

Ans

1. reluctivity
2. reluctance
3. permeance
4. magnetomotive force

Q.35 The illumination level required for important traffic routes carrying fast traffic is about

Question ID : **408192554**
Chosen Option : **2**

Ans
1. 200 lux
2. 100 lux
3. 30 lux
4. 5 lux

Q.36 A balanced star connected load is supplied from a symmetrical three ph ase 440 V system. It draws current of 40A at 0.866 power factor laggin g. The total power taken by the load will be

Question ID : **408192574**
Chosen Option : **4**

Ans
1. 26.4kW
2. 13.2kW
3. 30.4kW
4. 40.4kW

Q.37 Total instantaneous power supplied by a 3 phase A.C supply to a balanc ed R-C load is

Question ID : **408192540**
Chosen Option : **3**

Ans
1. Constant
2. Zero
3. Pulsating with zero average
4. Pulsating with non zero average

Q.38 Shunt generators are most suited for stable parallel operation because of their

Question ID : **408192577**
Chosen Option : **2**

Ans
1. Linear voltage characteristics
2. Drooping voltage characteristics
3. Identical voltage characteristics
4. Rising voltage characteristics

Q.39 Transmission efficiency of a transmission line increases with the

Question ID : **408192535**
Chosen Option : **3**

Ans
1. Increase in power factor but decrease in voltage
2. Decrease in power factor and voltage
3. Increase in power factor and voltage
4. Increase in voltage but decrease in power factor

Q.40 The voltage regulation in magnetic amplifier type voltage regulator is af fected by

Question ID : **408192529**
Chosen Option : **4**

Ans
1. Variable transformer
2. Electromagnetic induction
3. Varying the resistance
4. Varying the reactance

Q.41 A network has 4 nodes and 3 independent loops. What is the number of branches in the network?

Question ID : **408192537**
Chosen Option : **2**

Ans

1. 5
2. 7
3. 8
4. 6

Q.42 A three point starter is considered suitable for

Question ID : **408192512**
Chosen Option : **1**

Ans
1. Shunt as well as compound motors
2. Shunt, compound and series motors
3. Shunt motors
4. All DC motors

Q.43 In case all the flux from the current in coil 1 links with coil 2, the co-efficient of coupling will be

Question ID : **408192572**
Chosen Option : **2**

Ans
1. 2
2. 1
3. Zero
4. 0.5

Q.44 In which of the following motors the stator and the rotor magnetic field rotate at the same speed?

Question ID : **408192525**
Chosen Option : **3**

Ans
1. Induction motor
2. Universal motor
3. Synchronous motor
4. Reluctance motor

Q.45 Two bulbs rated at 25W, 110V and 100W, 110V are connected in series to a 220V supply. What will happen to the circuit?

Question ID : **408192560**
Chosen Option : **1**

Ans
1. No bulb will burn out
2. 25W bulb will burn out
3. 100W bulb will burn out
4. Both bulbs will burn out

Q.46 Power factor is highest in case of

Question ID : **408192553**
Chosen Option : **1**

Ans
1. Incandescent lamp
2. Mercury vapour lamp
3. Sodium vapour lamp
4. Neon lamp

Q.47 A 100 watt light bulb burns on an average of 10 hours a day for one week. The weekly consumption of energy will be _____ unit/s

Question ID : **408192536**
Chosen Option : **2**

Ans
1. 7
2. 70
3. 0.07
4. 0.7

Q.48 Permittivity is expressed in

Question ID : **408192567**
Chosen Option : **4**

Ans
1. Farad /sq-m
2. Weber /sq-m

✔ 3. Farad /metre

✘ 4. Weber /metre

Q.49 Wave winding is employed in a DC machine of

Question ID : **408192542**
Chosen Option : **4**

Ans
✘ 1. High current and high voltage rating
✔ 2. Low current and high voltage rating
✘ 3. Low current and low voltage rating
✘ 4. High current and low voltage rating

Q.50 Efficiency of power transfer when maximum transfer of power occurs is

Question ID : **408192502**
Chosen Option : **4**

Ans
✘ 1. 75%
✘ 2. 100%
✘ 3. 80%
✔ 4. 50%

Q.51 A 300mm long conductor is carrying a current of 10A and is situated at right angles to a magnetic field having a flux density of 0.8T; the force o n the conductor will be

Question ID : **408192569**
Chosen Option : **4**

Ans
✘ 1. 24N
✔ 2. 2.4N
✘ 3. 0.24N
✘ 4. 240N

Q.52 What is the function of putting resistance in parallel to one phase of 3 – phase induction motor?

Question ID : **408192581**
Chosen Option : **3**

Ans
✘ 1. To attain a higher starting torque
✘ 2. To attain a higher maximum torque
✘ 3. To reduce the starting current to a very low value.
✔ 4. To achieve a smooth starting

Q.53 A stabilising choke is connected in the flourescent tube circuit so as to

Question ID : **408192555**
Chosen Option : **1**

Ans
✔ 1. Act as a ballast in operating conditions and provide a voltage i mpulse for starting
✘ 2. Reduce the flicker
✘ 3. Avoid radio-interference
✘ 4. Act as a starter

Q.54 An electric iron designed for 110V A.C. supply was rated at 500W. It wa s put across a 220V supply. Assuming that at 110V it supplied 500W ou tput, (i.e. no losses) at the new voltage it will supply

Question ID : **408192573**
Chosen Option : **2**

Ans
✘ 1. 500W
✘ 2. 2500W
✘ 3. 250W
✔ 4. 2000W

Q.55 Which of the following motors will be used in electric clocks?

Question ID : **408192526**
Chosen Option : **1**

Ans
✔ 1. A.C. synchronous motor
✘ 2. A.C. induction motor

✗ 3. D.C. series motor

✗ 4. D.C. shunt motor

Q.56 Power transformers are designed to have maximum efficiency at

Question ID : **408192516**
Chosen Option : **2**

Ans
✗ 1. 70% full load
✓ 2. Nearly full load
✗ 3. 50% full load
✗ 4. No load

Q.57 Which motor has the poorest speed control?

Question ID : **408192513**
Chosen Option : **2**

Ans
✗ 1. Shunt motor
✗ 2. Differentially compounded motor
✓ 3. Series motor
✗ 4. Cumulatively compounded motor

Q.58 The superposition theorem requires as many circuits to be solved as there are

Question ID : **408192563**
Chosen Option : **3**

Ans
✗ 1. Nodes
✓ 2. Sources
✗ 3. Sources, nodes and meshes
✗ 4. Sources and nodes

Q.59 Which of the flowing capacitors has relatively shorter shelf life ?

Question ID : **408192565**
Chosen Option : **1**

Ans
✗ 1. Paper capacitor
✓ 2. Electrolytic capacitor
✗ 3. Ceramic capacitor
✗ 4. Mica capacitor

Q.60 Which support for overhead transmission line has the least life?

Question ID : **408192550**
Chosen Option : **3**

Ans
✗ 1. RCC poles
✗ 2. Fabricated steel structure
✓ 3. Wooden poles
✗ 4. Steel poles

Q.61 Permeance is the reciprocal of

Question ID : **408192509**
Chosen Option : **1**

Ans
✓ 1. Reluctance
✗ 2. Flux density
✗ 3. Ampere-turns
✗ 4. Resistance

Q.62 Which of the following statements is correct?

Question ID : **408192505**
Chosen Option : **1**

Ans
✓ 1. The inductance of the coil carrying a constant D.C. current will not affect the current
✗ 2. The inductance of the coil carrying a constant D.C. current will change the current into pulses
✗ 3. The inductance of the coil carrying a constant D.C. current will increase the current

✗ 4. The inductance of the coil carrying a constant D.C. current will decrease the current

Q.63 Open-circuit test in a transformer is performed with

Question ID : **408192547**
Chosen Option : **4**

Ans
- ✗ 1. High frequency supply
- ✗ 2. Direct current
- ✗ 3. Rated transformer current
- ✓ 4. Rated transformer voltage

Q.64 Two generators A and B have 6 – poles each. Generator A has wave wound armature while generator B has lap wound armature. The ratio of the induced e.m.f. in generator A and B will be

Question ID : **408192575**
Chosen Option : **4**

Ans
- ✗ 1. 2:3
- ✓ 2. 3:1
- ✗ 3. 3:2
- ✗ 4. 1:3

Q.65 The wattage rating for a ceiling fan motor will be in the range

Question ID : **408192522**
Chosen Option : **3**

Ans
- ✗ 1. 250 to 500 W
- ✓ 2. 50 to 150 W
- ✗ 3. 200 to 250 W
- ✗ 4. 10 to 20 W

Q.66 The Fourier series for the function $f(x) = \sin^2 x$ is

Question ID : **408192541**
Chosen Option : **2**

Ans
- ✗ 1. sin x + sin 2x
- ✗ 2. 1 - cos 2x
- ✗ 3. sin 2x + cos 2x
- ✓ 4. 0.5 - 0.5 cos 2x

Q.67 Which of the following application requires high starting torque?

Question ID : **408192511**
Chosen Option : **3**

Ans
- ✗ 1. Air blower
- ✗ 2. Lathe machine
- ✓ 3. Locomotive
- ✗ 4. Centrifugal pump

Q.68 The e.m.f induced in the armature of a shunt generator is 600V. The armature resistance is 0.1 ohm. If the armature current is 200A, the terminal voltage will be

Question ID : **408192510**
Chosen Option : **2**

Ans
- ✗ 1. 600V
- ✓ 2. 580V
- ✗ 3. 640V
- ✗ 4. 620V

Q.69 The energy capacity of a storage battery is rated in

Question ID : **408192538**
Chosen Option : **2**

Ans
- ✗ 1. kWh
- ✓ 2. ampere hours
- ✗ 3. joules
- ✗ 4. kW

Q.70 For normal reading the illumination level required is around

Question ID : **408192532**
Chosen Option : **2**

Ans
✗ 1. 400 - 500 lumens/m^2
✓ 2. 60 - 100 lumens/m^2
✗ 3. 20 - 40 lumens/m^2
✗ 4. 200 - 300 lumens/m^2

Q.71 Which of the following material is most commonly used for the filaments in incandescent lamps?

Question ID : **408192552**
Chosen Option : **1**

Ans
✓ 1. Tungsten
✗ 2. Osmium
✗ 3. Silver
✗ 4. Tantalum

Q.72 The direction of rotation of a DC series motor can be reversed

Question ID : **408192545**
Chosen Option : **2**

Ans
✗ 1. either by interchanging supply terminals or by interchanging field terminals
✓ 2. by interchanging field terminals
✗ 3. by intechanging supply terminals
✗ 4. by intechanging supply terminals as well as field terminals

Q.73 The efficiency of a transformer will be maximum when

Question ID : **408192515**
Chosen Option : **2**

Ans
✗ 1. Eddy current losses = copper losses
✓ 2. Copper losses = iron losses
✗ 3. Hysteresis losses = eddy current losses
✗ 4. Copper losses = hysteresis losses

Q.74 A mica capacitor and a ceramic capacitor both have the same physical dimensions. Which will have more value of capacitance ?

Question ID : **408192566**
Chosen Option : **2**

Ans
✗ 1. It depends on applied voltage
✓ 2. Ceramic capacitor
✗ 3. Mica capacitor
✗ 4. Both will have identical value of capacitance

Q.75 5 HP, 50 Hz, 3-phase, 440V, induction motors are available for the following r.p.m. Which motor will be the costliest?

Question ID : **408192520**
Chosen Option : **2**

Ans
✗ 1. 1440 r.p.m
✗ 2. 2880 r.p.m
✓ 3. 730 r.p.m
✗ 4. 960 r.p.m

Q.76 Two waves of the same frequency have opposite phase when the phase angle between them is

Question ID : **408192506**
Chosen Option : **4**

Ans
✗ 1. 0 degrees
✗ 2. 360 degrees
✗ 3. 90 degrees
✓ 4. 180 degrees

Q.77 An e.m.f of 16V is induced in a coil of inductance 4H. The rate of change of current must be

Question ID : **408192504**
Chosen Option : **3**

Ans
- ✗ 1. 32A/s
- ✗ 2. 16A/s
- ✗ 3. 64A/s
- ✓ 4. 4A/s

Q.78 A fuse is

Question ID : **408192549**
Chosen Option : **4**

Ans
- ✗ 1. Normally connected in series with the circuit
- ✗ 2. Always connected in parallel with the circuit
- ✗ 3. Normally connected in parallel with the circuit
- ✓ 4. Always connected in series with the circuit

Q.79 In squirrel cage induction motors, the rotor slots are usually given slight skew in order to

Question ID : **408192519**
Chosen Option : **2**

Ans
- ✗ 1. Reduce eddy currents
- ✓ 2. Reduce magnetic hum
- ✗ 3. Reduce windage losses
- ✗ 4. Reduce accumulation of dust and dirt

Q.80 The current through a branch in a linear circuit is 2A when the input source voltage is 10V. If the voltage is reduced to 1V and the polarity is reversed, the current through the branch is

Question ID : **408192559**
Chosen Option : **3**

Ans
- ✗ 1. - 2A
- ✗ 2. 2A
- ✓ 3. - 0.2A
- ✗ 4. 0.2A

Section : **General Awareness**

Q.1 The synonym of "corpulent" is

Question ID : **408192585**
Chosen Option : **1**

Ans
- ✗ 1. emaciated
- ✗ 2. lean
- ✗ 3. gaunt
- ✓ 4. obese

Q.2 Babies _____ when they are hungry

Question ID : **408192583**
Chosen Option : **3**

Ans
- ✗ 1. cried
- ✗ 2. cries
- ✗ 3. are crying
- ✓ 4. cry

Q.3 Which Indian author has written the book on which the movie " Three Idiots " was based

Question ID : **408192591**
Chosen Option : **1**

Ans
- ✓ 1. Chetan Bhagat
- ✗ 2. Geeta Sehgal
- ✗ 3. Shobha De
- ✗ 4. Vikram Seth

Q.4 Antonym of ' rebuked '

Ans
✔ 1. praised
✘ 2. received
✘ 3. invited
✘ 4. awarded

Question ID : **408192586**
Chosen Option : **1**

Q.5 DEF , HIJ , MNO ?

Ans
✘ 1. SRQ
✘ 2. TUV
✔ 3. STU
✘ 4. RTV

Question ID : **408192594**
Chosen Option : **3**

Q.6 I _____ tennis every Sunday morning.

Ans
✔ 1. play
✘ 2. am play
✘ 3. playing
✘ 4. am playing

Question ID : **408192582**
Chosen Option : **1**

Q.7 lion: animal : : flower : _____

Ans
✘ 1. grass
✘ 2. rose
✔ 3. plant
✘ 4. roots

Question ID : **408192596**
Chosen Option : **3**

Q.8 B , D, F , I , L , P ?

Ans
✘ 1. R
✔ 2. T
✘ 3. S
✘ 4. U

Question ID : **408192593**
Chosen Option : **2**

Q.9 Who is the Prime Minister of Japan ?

Ans
✔ 1. Shinzo Abe
✘ 2. Taro Aso
✘ 3. Naoto Kan
✘ 4. Yoshihiko Noda

Question ID : **408192590**
Chosen Option : **1**

Q.10 फिल्म आणि टेलीव्हिजन संस्था भारतामध्ये कोणत्या शहरात आहे?

Ans
✘ 1. दिल्ली
✘ 2. मुंबई
✔ 3. पुणे

Question ID : **408192599**
Chosen Option : **3**

✗ 4. चेन्नई

Q.11 भारतीय राज्यघटना मसुदा समितीचे अध्यक्ष कोण होते ?

Question ID : **408192598**
Chosen Option : **2**

Ans
✓ 1. डॉ. बाबासाहेब आंबेडकर
✗ 2. डॉ. राजेंद्र प्रसाद
✗ 3. महात्मा गांधी
✗ 4. बॅ. सप्रू

Q.12 The country which won the most medals at Rio Olympics 2016 is

Question ID : **408192588**
Chosen Option : **1**

Ans
✓ 1. USA
✗ 2. Russia
✗ 3. Great Britian
✗ 4. China

Q.13 The city which stood first in the first phase of competition under the sm art city mission of Government of India

Question ID : **408192587**
Chosen Option : **4**

Ans
✗ 1. Ahemdabad
✗ 2. Surat
✗ 3. Pune
✓ 4. Bhuvaneshwar

Q.14 Find the odd one out

Question ID : **408192592**
Chosen Option : **1**

Ans
✗ 1. frog : amphibian
✓ 2. salamander : insect
✗ 3. whale : mammal
✗ 4. snake : reptile

Q.15 जगातील सर्वात जास्त लांबीची नदी कोणती ?

Question ID : **408192600**
Chosen Option : **4**

Ans
✗ 1. येनिसी
✗ 2. गंगा
✗ 3. नायजेर
✓ 4. नाईल

Q.16 Which is the largest ocean in the world?

Question ID : **408192589**
Chosen Option : **1**

Ans
✔ 1. Pacific Ocean
✘ 2. Atlantic Ocean
✘ 3. Arctic Ocean
✘ 4. Indian Ocean

Q.17 Sorry, you can't borrow my pencil. I _____ it myself

Question ID : **408192584**
Chosen Option : **2**

Ans
✘ 1. using
✔ 2. am using
✘ 3. was using
✘ 4. use

Q.18 सापेक्षतावादाचा सिद्धांत खालीलपैकी कोणी मांडला ?

Question ID : **408192601**
Chosen Option : **4**

Ans
✘ 1. चार्ल्स डार्विन
✔ 2. अल्बर्ट आईनस्टाईन
✘ 3. आयझॅक न्यूटन
✘ 4. आर्किमिडीज

Q.19 Find the odd one out

Question ID : **408192595**
Chosen Option : **2**

Ans
✘ 1. hour: minutes
✔ 2. tree : forest
✘ 3. class : students
✘ 4. sentence : words

Q.20 कोणत्या योजनेमुळे भारत आणि पाकिस्तान अशी दोन राष्ट्रे निर्माण झाली ?

Question ID : **408192597**
Chosen Option : **1**

Ans
✔ 1. लॉर्ड माउंटबेटन योजना
✘ 2. त्रिमंत्री योजना
✘ 3. क्रिप्स योजना
✘ 4. लॉर्ड वेव्हल योजना