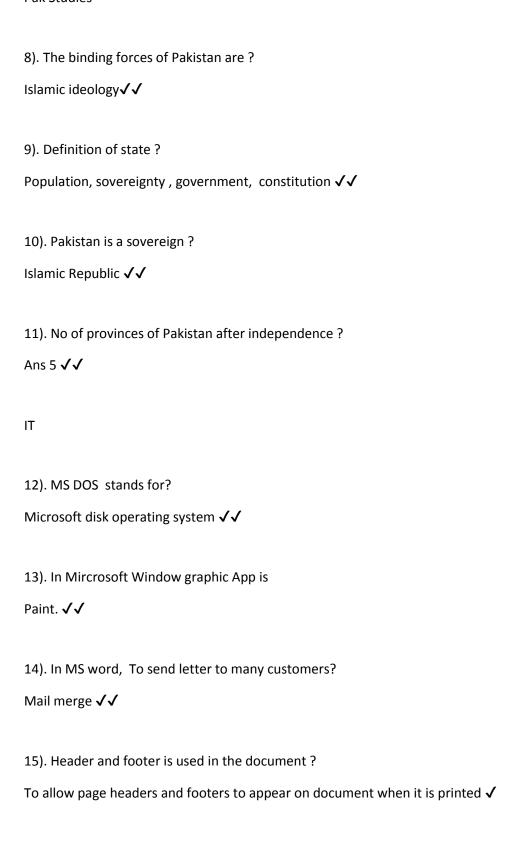
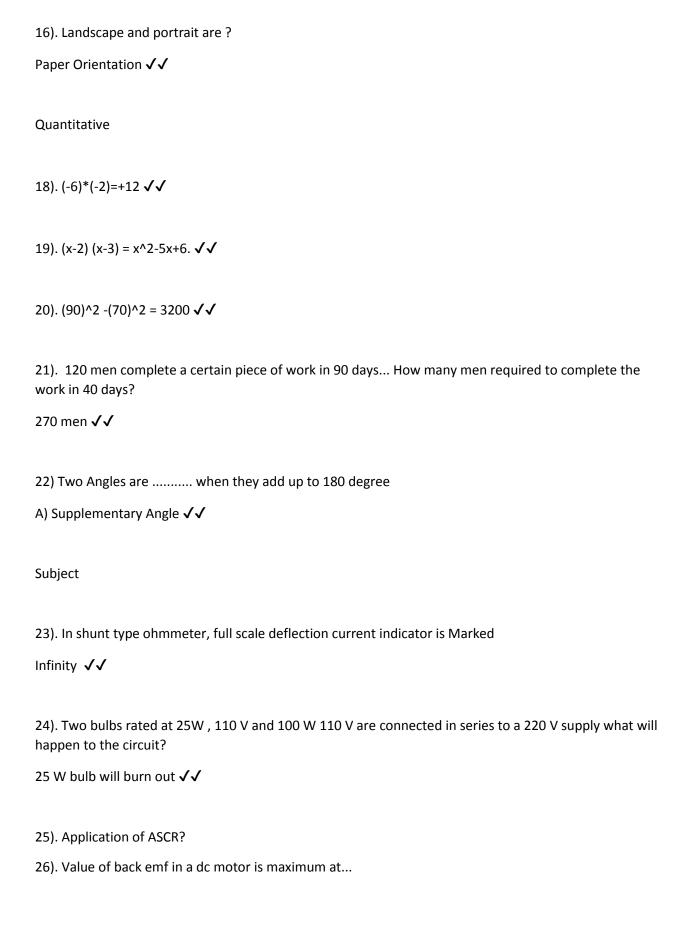
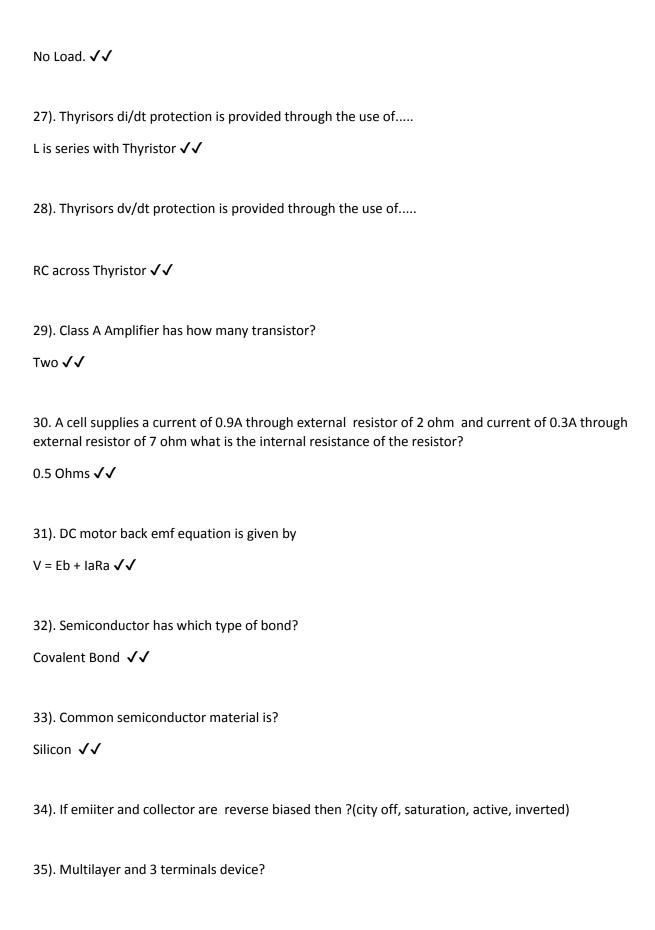
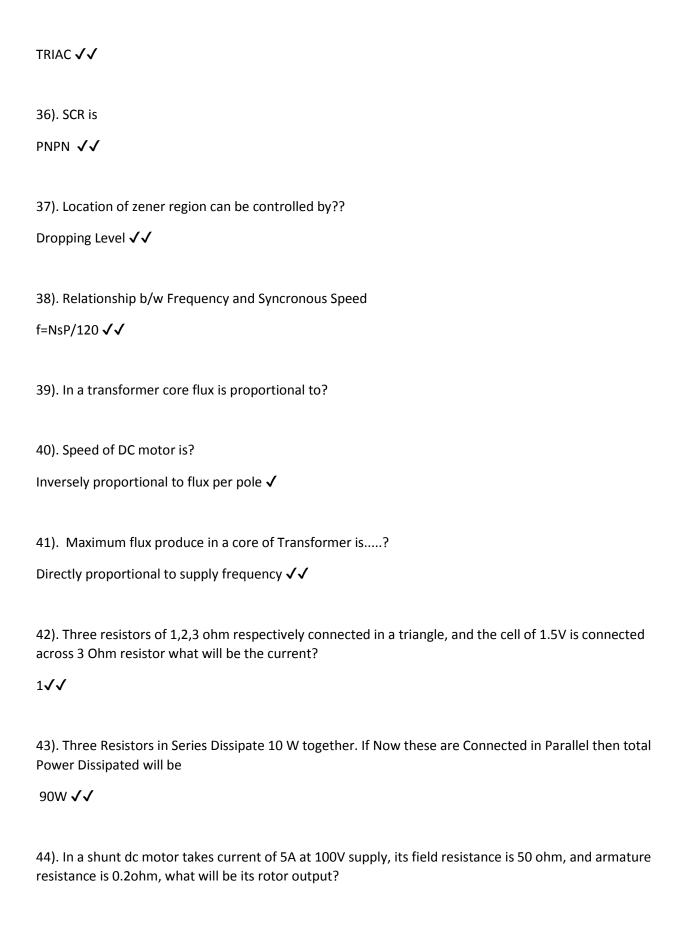
Pak Studies	5
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300W √√
45). Two equal resistors are connected in series with a supply , if these resitors are connected parallel , then power dissipated?
Four Times ✓✓
46). The rotor of synchronous motor is excited with direct current when the motor is
47). Find Application of Speed control of D.C motor SCR ✓✓
48). Armature reaction in dc generator can be increase by increasing? Armature current ✓✓
49). The current in coil of resistance 90 ohm, is to be reduce by 90% the other resistance should be $10\sqrt{4}$
50). Current gain of Darlington pair consisting of Q1 and Q2? B1*B2 ✓✓
51). Crystal diode used as?
Rectifier ✓✓

53). The most common use of rectifer diodes in:

52). Crystal diode is device??

Non Linear ✓✓

DC Motors ✓✓
54). Currenr Voltage charactertics of the TRIAC is Symtrical ✓✓
55). Thyristor can turn on with Minimum input current that current is called Trigger Current ✓✓
56). The greatest percentage of heat loss in a DC machine is due to the? Copper loss ✓✓
57). Which diode cant handle much reverse voltage? Power diode ∕ √√
58). In two watt meter method, if p.f is 0.5, the reading on one of the two meters is? 0√√
59). If p.f in two watt meter method is 1, readings on meters are Identical ✓✓
60). Where controllable switch is turned on and switches off at zero voltage zero current is Quasi resonant√√
61). In AC, variable frequency drive (VFD) output to the load?? Variable frequency and adjustable voltage ✓ ✓
62). In a single phase rotary converter the number of slip rings will be Two $\checkmark\checkmark$

63). In n channel FET when (Vg <vs), condition="" conduction="" for="" is:<="" th="" the=""></vs),>
Vs>Vd √√
64). In power converter to be more specific ac to dc and dc to ac
Inverter √√
65). Rotor of induction motor rotates ??
In direction of stator flux ✓✓
66). Latched on by control signal must be turned off by external circuit
Thyristor?
67). N similar resistors each of resistance is r. When connected in parallel their total resistance is equivalent to R. Now when these resistors are connected in parallel what will be the total resistance?
N^2R √ ✓
68). how to increase the range of voltmeter?
Series multiplier???
69). For the same rating, p.f. of single phase induction motor is That of 3-Phase induction motor
70). A Heater of 2000W and a fan of 1000W are connected in series The resistance of Heater is??
Less than that of fan ✓✓
71). When cells are arranged in series??
EMF increase ✓✓
72). When the number of resistance are connected in parallel, the total resistance is?

Less than the smallest resistance ✓✓
73). Time taken by Diode changes from reverse to forward bias is
1 Forward recovery time
2 Revers recovery time
74). Two lamps
1. 100W 200V
2. 40W 200V
are connected in Series then Tatal resistance will be
1400 Ohms √√
75). The doping lavel of zener diode is Of crystal diode???
More than ✓✓✓
76). When resistance are connected in parallel, the current divide itself in?
Invers ratio of resistance ✓✓
77). Silicon semiconductor has a forward voltage drop is?
0.7 √√
78). The ripple factor of half wave rectifier is?
1.21 ✓✓
79). Clamper circuit consists of capacitor and diodes, arrangement of capacitor and diode with respect to load is????
Diode is in parallel and capacitor in series. ✓✓
80). The most commonly used semiconductor material is?
Silicon ✓✓

81). Induction wattmeter can measure?

Ac power only ✓✓

82). Witch of the following is not a part of clamper circuit

Inductor **√**✓