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**1. The insulating material for a cable should have**

- (a) low cost
- (b) high dielectric strength
- (c) high mechanical strength
- (d) all of the above

Ans: d

**2. Which of the following protects a cable against mechanical injury ?**

- (a) Bedding
- (b) Sheath
- (c) Armouring
- (d) None of the above

Ans: c

**3. Which of the following insulation is used in cables ?**

- (a) Varnished cambric
- (b) Rubber
- (c) Paper
- (d) Any of the above

Ans: d

**4. Empire tape is**

- (a) varnished cambric
- (b) vulcanised rubber
- (c) impregnated paper
- (d) none of the above

Ans: a

**5. The thickness of the layer of insulation on the conductor, in cables, depends upon**

- (a) reactive power
- (b) power factor
- (c) voltage
- (d) current carrying capacity

Ans: c

**6. The bedding on a cable consists of**

- (a) hessian cloth
- (b) jute
- (c) any of the above
- (d) none of the above

Ans: c

**7. The insulating material for cables should**

- (a) be acid proof
- (b) be non-inflammable

- (c) be non-hygroscopic
- (d) have all above properties

Ans: d

**8. In a cable immediately above metallic sheath \_\_\_\_\_ is provided.**

- (a) earthing connection
- (b) bedding
- (c) armouring
- (d) none of the above

Ans: b

**9. The current carrying capacity of cables in D.C. is more than that in A.C. mainly due to**

- (a) absence of harmonics
- (b) non-existence of any stability limit
- (c) smaller dielectric loss
- (d) absence of ripples
- (e) none of the above

Ans: c

**10. In case of three core flexible cable the colour of the neutral is**

- (a) blue
- (b) black
- (c) brown
- (d) none of the above

Ans: a