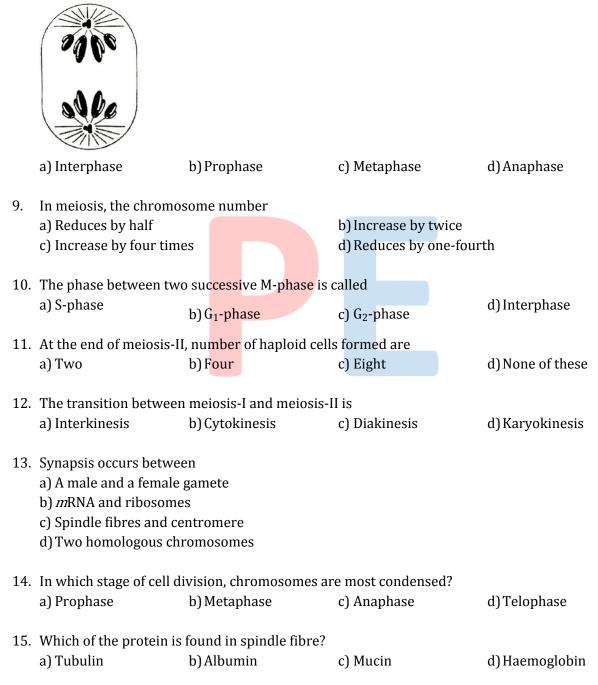


Class : XIth Date : Subject : BIOLOGY DPP No. : 2

Topic :- Cell Cycle and Cell Division

1. 2.	During mitosis, number of chromosomes gets a) Change b) No change c) May be change if cell is mature d) May be change if cell is immature I. Chromosomes cluster at opposite spindle poles their identity is lost as discrete elements II. Nuclear envelope assembles around the chromosome clusters						
	III. Nucleolus, Golgi complex and ER reform Above features indicates which phase of mitosis						
	a) Anaphase	b) Telophase	c) Cytokinesis	d)S-phase			
3.	What would be the change in the chromosome number, during S-phase? a) No change b) The number of chromosome doubles c) The number of chromosome doubles only in case of diploid cell d) The number of chromosome doubles only in case of haploid cell						
4.	Arrange the following events of meiosis in a correct sequence and choose the correct option I. Terminalisation II. Crossing over III. Synapsis IV. Disjunction of genomes a) IV, III, II and I b) III, II, I and IV c) II, I, IV and III d) I, IV, III and II						
5.							
	humans? a) 99%	b)95%	c) 25%	d)5%			
6.	Which of the following stage of meiosis is responsible for deciding genetic constitution gametes?						
	a) Metaphase-II	b) Anaphase-II	c) Metaphase-I	d)Anaphase-I			
6.	gametes?	-					

- 7. ...A... mitotic cell division is only seen in the diploid somatic cells, while the ...B... can show mitotic divisions in both haploid and diploid cells. Identify A and B form the options given below
 a) A-Animals; B-plants b) A-Plants; B-animals c) A-Bacterial; Bd) None of these viruses
- 8. Given diagram indicates which of the following phase of mitosis? Choose the correct option



16.	Which of the following a) DNA replication b) Growth and normal f c) Mutation d) Fertilization	_	₁ -phase?	
17.	Select the correct states I. Occurs between G_1 ar II. DNA replication beginned III. Centrioles duplicates IV. As DNA is doubled, a The option with correct a) IV and III	nd G ₂ ins in the nucleus e in the cytoplasm number of chromosome	es also doubles	d) I, II and III
18.	A material, which arres a) <i>Crocus</i>	sts cell division, is obtain b) <i>Colchicum</i>	ned from c) Dalbergia	d) <i>Chrysanthemum</i>
19.	During cell division, so event is called a) Interference		ailure of separation of si c) Non-disjunction	
20.	of the cell cycle II. The cells that are in (tinue with theB pha	e stage calledA phase se. d)A-G ₀ ; B-M