

<b>Student Sign</b>	<b>Jr.Supervisor Sign</b>

**Shivaji University, Kolhapur Examination, October 2020**

**Center: Rajarshi Chhatrapati Shahu College, Kolhapur**

**Class: B.Sc. II Semester III**

**SET-A**

**Zoology**

**Title of Paper: Animal Diversity III**

**Paper No.: V**

**Subject code: 63605**

<b>PRN No.</b>	
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<b>Seat No.</b>	
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**Day & Date:**

**Time: 1 hour**

**Total Marks: 50**

**Instructions: Attempt any 25 questions. Each question carries 2 marks. Write the correct alternative in the Answer box.**

Q.1	One of the following is the largest phylum of animal kingdom -----				Ans.
	a) Mollusca	b) Arthropoda	c) Echinodermata	d) Hemichordata	
Q.2	The largest class of phylum Arthropoda is-----				Ans.
	a) Insecta	b) Myriapoda	c) Arachnida	d) Crystacea	
Q.3	Haemocoel is present in -----				Ans.
	a) Annelida & Arthropoda	b) Arthropoda & Mollusca	c) Mollusca & Echinodermata	d) None	
Q.4	In one of the following mollusc, the shell is internal--				Ans.
	a) Chiton	b) Sepia	c) Unio	d) Snail	
Q.5	Water vascular system is characteristic feature of phylum-----				Ans.

	Arthropoda	Echinodermata	Mollusca	Hemichordata	
Q.6	The chief excretory organ of cockroach are----				Ans.
	a) Coxal gland	b) Kidneys	c) Green gland	d) Malpighian tubules	
Q.7	Crab defends itself with the help of----				Ans.
	a) Poisonous jaws	b) Poisonous sting	c) Poisonous fangs	d) Chelipeds	
Q.8	In Neoplina the foot is used for-----				Ans.
	a) Boring	b) Digging	c) Creeping	d) Swimming	
Q.9	In cockroach ovary, the number of ovarioles is----				Ans.
	a)8	b)12	c)10	d)5	
Q.10	The organ of cutting food in crab is.....				Ans.
	a) Antennules	b) antennae	c) mandible	d) chelipeds	
Q.11	The thorax of crab has-----pairs of appendages				Ans.
	a)5	b)8	c)7	d)6	
Q.12	The term “sui generis” is applicable to-----				Ans.
	a) pleopod	b) antennule	c) mandible	d) Maxilla	
Q.13	Radulla is an organ used for-----				Ans.
	a) Digestion	b) Copulation	c) Mastication	d) Respiration	
Q.14	In a crab the brain produces---pairs of nerves				Ans.
	a)4	b)6	c)5	d)7	
Q.15	Pila is-----				Ans.
	a) Strictly marine	b) Strictly terrestrial	c) Strictly aquatic	d)amphibious	
Q.16	In aquatic respiration,the quality of the water current is tested by----				Ans.
	a) Pulmonary chamber	b) Osphradium	c) Radula	d) Left nuchal lobe	
Q.17	Mandibles are well developed and toothed in -----				Ans.
	a) Siphoning type	b) Sponging type	c) Sucking & Lapping type	d) Biting & chewing type	

Q.18	Pairs of walking legs in a crab are---				Ans.
	a)4	b)7	c)5	d)6	
Q.19	Statocyst is an organ for----				Ans.
	a) Equilibrium	b) Vision	c) Hearing	d) Olfaction	
Q.20	The tactile function in Pila is performed by-----				Ans.
	a)Osphradium	b) Statocyst	c) Nuchal lobe	d) Tentacles	
Q.21	Biting & chewing type of mouth parts are found in-----				Ans.
	a) Butterfly	b) Honey bee	c) Cockroach	d) Mosquito	
Q.22	An elongated hypopharynx is present in-----				Ans.
	a) Cockroach	b) Butterfly	c) Honey bee	d) Mosquito	
Q.23	Laccinia & Galea are the parts of-----				Ans.
	a) First Maxillae	b) Labium	c) Mandibles	d) Antenna	
Q.24	The two classes of echinodermata,in which pedicellariae found are--				Ans.
	a) Asteroidea& Echnoidea	b) Asteroidea& Holothuroide a	c) Holothuroidea & Echnoidea	d) Holothuroidea &Ophiuroidea	
Q.25	Spatulate mandibles are present in -----				Ans.
	a) Honey bee	b) House fly	c) Cockroach	d) Mosquito	
Q.26	Bipinnaria is larval stage of-----				Ans.
	a) Echinodermata	b) Hemichordata	c) Arthropoda	d) Mollusca	
Q.27	Piercing & Sucking type of mouth parts are found in-----				Ans.
	a) Butterfly	b) Mosquito	c) Honey bee	d) both a and b	
Q.28	Byssus thread is present in -----				Ans.
	a) Sepia	b) Pila	c) Mytilus	d) Unio	
Q.29	Tornaria is larval stage of-----				Ans.
	a) Annelida	b) Arthropoda	c) Mollusca	d) Hemichordata	
Q.30	Creeping & Anchoring foot is present in -----				Ans.
	a) Octopus	b) Mytilus	c) Dentalium	d) Chiton	

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**Class: B.Sc. II Semester III**

**SET-B**

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**Title of Paper: Animal Diversity III**

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**Day & Date:**

**Time: 1 hour**

**Total Marks: 50**

**Instructions:Attempt any 25 questions.Each question carries 2 marks. Write the correct alternative in the Answer box.**

Q.1	The tactile function in Pila is performed by-----				Ans.
	a) Osphradium	b) Statocyst	c) Nuchal lobe	d) Tentacles	
Q.2	The cephalic region of crab is formed by a fusion of ----segments				Ans.
	a) 6	b) 7	c) 5	d) 8	
Q.3	Pairs of walking legs in a crab are---				Ans.
	a)4	b) 7	c) 5	d) 6	
Q.4	Pila is----				Ans.
	a) Strictly marine	b) Strictly terrestrial	c) Strictly aquatic	d) amphibious	
Q.5	In a crab the brain produces---pairs of nerves				Ans.

	a) 4	b) 6	c) 5	d) 7	
Q.6	Spatulate mandibles are present in -----				Ans.
	a) Honey bee	b) House fly	c) Cockroach	d) Mosquito	
Q.7	Lacinia & Galea are the parts of-----				Ans.
	a) First Maxillae	b) Labium	c) Mandibles	d) Antenna	
Q.8	Tornaria is larval stage of-----				Ans.
	a) Annelida	b) Arthropoda	c) Mollusca	d) Hemichordata	
Q.9	One of the following is the largest phylum of animal kingdom -----				Ans.
	a) Mollusca	b) Arthropoda	c) Echinodermata	d) Hemichordata	
Q.10	Piercing & Sucking type of mouth parts are found in-----				Ans.
	a) Butterfly	b) Mosquito	c) Bed bug	d) both a and b	
Q.11	In Aplysia the foot is used for-----				Ans.
	a) Boring	b) Digging	c) Creeping	d) Swimming	
Q.12	The largest class of phylum Arthropoda is-----				Ans.
	a) Insecta	b) Myriapoda	c) Arachnida	d) Crustacea	
Q.13	In one of the following mollusca, the shell is internal--				Ans.
	a) Chiton	b) Sepia	c) Unio	d) Snail	
Q.14	The two classes of echinodermata, in which pedicellariae found are-----				Ans.
	a) Asteroidea & Echinoidea	b) Asteroidea & Holothuroidea	c) Holothuroidea & Echinoidea	d) Holothuroidea & Ophiuroidea	

Q.15	One of the following is hermaphrodite arthropoda-----				Ans.
	a) Lobster	b) Balanus	c) Honey bee	d)Centipede	
Q.16	The number of fertilized eggs in a cockroach ootheca are-----				Ans.
	a) 8	b) 16	c) 4	d) 10	
Q.17	Water vascular system is characteristic feature of phylum-----				Ans.
	a) Arthropoda	b)Echinodermata	c) Mollusca	d) Hemichordata	
Q.18	Pedicellariae are present in member of class-----				Ans.
	a) Asteroidea	b) Insecta	(c)Holothuroidea	d) Ophiuroidea	
Q.19	In cockroach ovary,the number of ovarioles is----				Ans.
	a) 8	b) 12	c) 10	d) 5	
Q.20	The cephalic region of crab is formed by a fusion of -----segments				Ans.
	a) 6	b) 7	c) 8	d) 5	
Q.21	One of the following can be best considered as a typical biramous appendage---				Ans.
	a) First maxilliped	b) Second maxilliped	c) Third maxilliped	d) Cheliped	
Q.22	Movable finger of cheliped is----				Ans.
	a) Propodus	b) dactylus	c) Coax	d) merus	
Q.23	Statocyst is an organ for----				Ans.
	a) Equilibrium	b) Vision	c) Hearing	d) Olfaction	
Q.24	24) Radulla is an organ used for-----				Ans.
	a Digestion	b) Copulation	c)Mastication	d) Respiration	
Q.25	Saliva of Cockroach contains an enzyme that digest-----				Ans.

	a) Amylase	b) Peptidases	c) Proteoses	d) Lipase	
Q.26	The number of segments in the abdomen of crab are----				Ans.
	a) 5	b) 6	c) 8	d) 7	
Q.27	(27) Pseudotrachae play an important role in one of the following type of mouth parts-----				Ans.
	a) Biting & Chewing	b) Sucking & Lapping	c) Piercing & Sucking	d) Sponging type	
Q.28	In siphoning type, the proboscis is formed by-----				Ans.
	a) Fused mandibles	b) Fused labial palps	c) Fused galea	d) Labrum epipharynx	
Q.29	The chief excretory organ of cockroach are----				Ans.
	a) Coxal gland	b) Kidneys	c) Green gland	d) Malphigian tubules	
Q.30	Trochosphere larva is of-----				Ans.
	a) Annelida	b) Mollusca	c) Echinodermata	d) Hemichordata	