SUBJECT CODE NO:- B-2034 FACULTY OF SCIENCE AND TECHNOLOGY B.Sc. T.Y. (Sem-V) Examination Oct/Nov 2019 Elective Paper

		Zoology Paper-XVI (A) Fishery Science-I	
[Time:	1:30 H		[Max.Marks:50]
		Please check whether you have got the right question paper. i) Attempt all questions. ii) Illustrate your answer with suitable labeled diagram.	
Q.1		n detail account of the general characters and classification of fishes OR in detail about status of freshwater fisheries (past, present and future)	20
Q.2	Explai	n in detail about Bombay duck fishery	20
۷	Zapiai	OR	7
	a)b)c)d)	short notes on any four of the following Chilika lake fisheries Trout fisheries Milk fish fisheries Exploitation of reservoir fisheries Pelagic fisheries Effect of aquatic pollution on fisheries	
Q.3	Select	& write correct answers from the given alternatives	10
		The common name of Sardinella longiceps is a) Mackerel b) Trout c) oil sardine d) milk fisheries Study of fishes means	
	10000	a) Ichnology b) Ichthyology c) genecology d) lepidopteriology	
	3)	Pullicate lake is (a) Brackish Water Lake (b) Marine Water Lake (c) Fresh water Lake (d) All of these	
	4)	D.D.T. is pollutants (a) Biodegradable (b) Non-biodegradable (c) Plastic (d) None of above	
	5)	National fisheries Development Board is situated ata) Delhi b) Mumbai c) Chennai d) Hyderabad	
	6)	Jayakwadi reservoir is constructed onriver a) Koyana b) Bhima c) Krishna d) Godavari	
	7)	Estimated total length of river in India is abouta) 40,000 Km b) 50,000 Km c) 29,000 Km d) All abo	ve

8) Cod liver	oil is rich in			
a) Iron	b) Calcium	n c) V	itamin A	d) Vitamin D
				A A S B B B B B B B B B B B B B B B B B
9)de	tect pressure vibr	ations & water	er currents	
a) Latera	Line system	b) galls	c) Sceles	d) None of these
			3000	
10) Collection	of fish from neut	ral habitat cal	lled	
(a) captur	e fishery	(b) cu	lture fishery	
(c) shell t	rish fisheries	(d) fin	fishes fishery	

SUBJECT CODE NO:- B-2034 FACULTY OF SCIENCE AND TECHNOLOGY B.Sc. T.Y. (Sem-V) Examination Oct/Nov 2019 Zoology Paper-XVI (B) Animal Culture-I

[Time:	1:30 Hours]		Zoology 1 up	(D) 1111		[Max	.Marks:50
		Please iii) iv)	Attempt al	l questions.	he right question pa suitable labeled dia		
Q.1	Write an essay o	n wild ar	nd domestic s _l	pecies of honey l OR	pees		20
	Write in detail o	n cast dif	ferentiation a	nd division of w	ork in honey bees.		The St.
Q.2	Describe bacteri	al, viral a	and fungal dis	eases of honey b OR	ees	~ 8 4 5 5 0 0 8 4 4 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20
	Write short note a) Bee waxb) Royal Jec) Bee vend	lly	our of the foll	owing			
	d) Pollene) Economif) Humidity	. ()	keeping perature cont	rols			
Q.3	Select and write	correct a	nswer from th	ne given alternati	ives in each sub que	estions.	10
	(a) Ferti	s le male tile fema	_ in honey be	ees (b) Fertile Fe (d) Infertile 1	20 -01 / (2)		
			vorker bee tak b) 21 – 22	days. c) 23 – 24	d) 24 – 26		
CARRE	(Y) V/ Y VA V. YO YO YOU		oney bees lea b) Faning	ving entire color c) dancing	ny to new sites is g d) abscond	ling	
			ood in honey l b) Amoeba	c) Nosen			
	5. Sac broo a) Bacte	. 40° A-Y AX	C > Y = V - L V - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 - L 7 -	es is caused due t c) Fungus	o d) None		
		10.01.21	content of ho b) 60 – 65%	•	75% d) 82 – 9	0%	
	7. Bee wax a) Quee	(A) = ()	_	vax glands of c) Pupa	d) Worker		

- 8. Bee Venom is used to treat one of the following_____
 - (a) Rheumatism
- (b) dysentery

(c) nausea

- (d) All above
- 9. Royal Jelly contains ____sugar
 - a) 22 25%
- b) 10 17%
- c) 18 20%
- d) 30 -40%
- 10. Bee glue contains _____essential oils.
 - a) 40%
- b) 30%
- c) 10%
- d) 20%

SUBJECT CODE NO:- B-2034 FACULTY OF SCIENCE AND TECHNOLOGY B.Sc. T.Y. (Sem-V) Examination Oct/Nov 2019 Zoology Paper-XVI (C) Entomology - I

Tim	a. 1.20 Haunal	Zoology 1 aper-2	(C) Entomology-1	IMay Maylar50
LIIII	e: 1:30 Hours]			[Max.Marks:50]
	Pleas	se check whether you	have got the right question paper.	
	i)	Attempt all questions		
	ii)	Illustrate your answe	er with suitable labeled diagram.	
Q.1	Describe general characteristics	cters of order Thysanu	ara and Collembella with suitable examp	lle, 20
	Give an account of repr	oductive system inclu	OR iding development in grasshopper.	
Q.2	Write an essay on Serio		\$\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}\text{\$\frac{1}\text{\$\fin}}\text{\$\frac{1}{2}\text{\$\frac{1}\text{\$\frac{1}\text{\$\fin}\	20
Q.2	Wille all essay off Seric	ultule.	OR	20
	Write short notes on an	y Four of the followir		55,
	a) Cockroaches	y rour or the tonown	18 V 3 S S S S S S S S S S S S S S S S S S	
	b) Bed bugs			
	c) Ametabolous m	etamorphosis		
	d) Preservation of	- パチ いたくい ひん し に さっ		
	e) Economic impo	95 50 6 7 0 0 1 2 V 1		
	f) Life cycle of sil			
	i) Elie eyele of sil			
Q.3	Select write correct ans	wer from the given al	ternatives in each sub questions.	10
	1) Product of silk		888888889 8888888	
	(a) Silk	(b)) Honey	
	(c) Wax	(d)) All of these	
	2) There are	_ pairs of large sac in	the abdomen of Grasshopper.	
	a) 6	0 8 c) 10	d) 12	
	3) Queen of Indian	bee laying upto		
NA C	a) 500 b)	1000 c) 1500	d) 2000	
3000	4) Gizzard is the p	art of	?	
	(a) Reproducti	ve system (b)) Digestive system	
	(c) Nervous sy	stem (d)) All of these	
222	5) Honey is collec			
625	(a) Honey Con) Broad Chamber	
	(c) Super	(d)) Bottom brood	
300	6) Pebrine disease			
30,67	(a) Lac worm	` ′) Bee worm	
10 Kg	(c) Silk worm	(d)) None	

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/) Ecdy	sone hormone is relate	ed to	
(a)	Fertilization	(b) Moulting	
(c)	Oviposition	(d) All of above	
8) Mou	lting is called	_	
(a)	Instar	(b) Pupa	£)
(c)	Ecdysis	(d) Naids	
9) Lac	is secreted by the		3
(a)	Male lac insect	(b) Female lac insect	
(c)	Bed bug	(d) Pediculus	3
10) Gov	t. of India established t	the central Silk Board in	8
(a)	1930	(b) 1935	
(c)	1940	(d) 1949	

B-2034

Total No. of Printed Pages:2

SUBJECT CODE NO:- B-2034 FACULTY OF SCIENCE AND TECHNOLOGY B.Sc. T.Y. (Sem-V) Examination Oct/Nov 2019 ogy Pener XVI (D) Peresitia Protogog and Helminthes

	Zoology Paper-XVI (D) Parasitic Protozoa and Helminthes-I	
[Time	e: 1:30 Hours]	[Max.Marks:50]
	Please check whether you have got the right question paper.	
	i) Attempt all questions.	
	ii) Illustrate your answer with suitable labeled diagram.	
Q.1	Define parasite. Describe types of parasites in detail.	20
	OR SECTION OF THE PROPERTY OF	
	Explain in detail life cycle of p. falciparum	
Q.2	Give an account of Eimeria tenella	20
		1200.
	Write short notes on any four of the following	3,447
	a) Host parasite relationship	
	b) B. coli	
	c) Giardia intestinalis	
	d) Sporogeny	
	e) Control measures of P. Vivax	
	f) Trophozoite of Trichomonas	
Q.3	Select & Write correct answer from the given alternative in each sub questions	10
	1) Malaria is transmitted by	
	(a) Female culex mosquito (b) Female anopheles mosquito	
	(c) Male culex mosquito (d) Male anopheles mosquito	
	2) E. gingivalis is present	
	a) mucosa of small intestine	
	b) colon & rectum	
.05	c) pus pockets of gums	
	d) salivary glands	
	3) Giardia was described by	
	a) Aristotle b) Renold Ross c) Lambl d) None	
	4) Common name of Glossina Palpalis is	
999	a) Tse Tse fly b) Sandfly c) butterfly d) None	
	5) P. falciparum mostly causes	
200	(a) Cerebral malaria (b) fever	
660	(c) abdominal Pain (d) None of these	
0,000	\$\$\\X\X\X\X\X\X\X\X\X\X\X\X\X\X\X\X\X\X	

Examination Oct/Nov 2019

B-2034 6) Trichromonas -----transmitted disease a) Air b) Water c) Sexually d) Soil 7) Best treatment for Coccidiosis-----(a) Antibiotics (b) Antiviral drug (c) Antipyretic (d) Sulpha drugs 8) ----- was coined the phylum Protozoa (a) Robert grant (b) Gegenbaur (c) Lamarck (d) Goldfuss 9) Arostule is present in ----a) Trichomonas b) Giardia c) both a & b d) None 10) Undulating membrane is characteristic features of

c) E. Gingivalis

d) All of these

a) Trypanosoma

b) B. coli

SUBJECT CODE NO:- B-2034 FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. T.Y. (Sem-V) Examination Oct/Nov 2019

Zoology Paper-XVI (E) Computer Application & Laboratory Technology -I

[Time	: 1:30 Hours]	[Max.Marks:50
	Please check whether you have got the right question paper. i) Attempt all questions. ii) Illustrate your answer with suitable diagram.	
Q.1	What is Computer Programming? Describe with reference to C. OR	20
	What are storage devices? Explain with reference to input devices.	
Q.2	Explain the history of computer and write any two application to biology. OR	20
	Write short note on any four of the following a) E-mail b) www Services c) MS word d) ROM	(C)
	e) Unix f) Printer	
Q.3	Select and Write correct answer from the given alternative in each sub-questions.	10
	 1. Which of the following command of DOS is used to clear the screen? a) CIS b) REN c) DEL d) COPY 	
	 2. Which key combination is used in MS. Word to print a file? a) Ctrl + S b) Ctrl + P c) Ctrl + V d) Ctrl + X 	
	 3. GUI stands for a) Graphical user interface b) Geographical user interface c) Geological user interface d) None of these 	

4.	То	get to the end of the document in MS-Word press the keys
	a)	Alt + Home
		Ctrl + Home
		Ctrl + End
	d)	Alt + End
5.	Th	e maximum Length allowed for Primary name of a file DOS
	a)	8
	b)	
	c)	
	d)	None
6.	Op	eration System is a
	a)	
		Computer Language
		Application hardware
	d)	System hardware
7.	W	WW Stands for
•		Why Where Which
		World Wide Web
		World Wide Work
		Internet
8.	Wł	nich of the following is the first operating system in Windows.
٠.		Windows 4.3
		Windows a5
		Windows XP
		Windows 7
9.	wi	nen a file or folder is deleted it will parked in
		ROM
200	. ///	RAM
	- ~ 1	Recycle bin
NOB.		None of Above
10	WI	nat is the DOS command to clear the screen
	L> > -	DIR
		COPY
SA	c)	DEL
200	1 A V	CLS
1-1 6	1 4	LAY: MOLAN BY LAY LAY AND AND AND

SUBJECT CODE NO:- B-2034 FACULTY OF SCIENCE AND TECHNOLOGY B.Sc. T.Y. (Sem-V) Examination Oct/Nov 2019 Zoology Paper-XVI (F) Bio Technology-I

		Zoology P	aper-XVI (F) Bio Technology-I	500
[Tim	e: 1:30 I	Hours]	[Max.Mai	:ks:50
		Please check whet	her you have got the right question paper.	300
		i) Attempt all of		333
		, , , , , , , , , , , , , , , , , , ,	or answer with suitable labeled diagram.	30,00
				\$ 6 ° 6 ° 6
Q.1	Define	e Biotechnology? Explain scop	e and Importance in detail.	20
			OR SOLVEN	E.V.
	What	is biotechnology? Explain old	and new Biotechnology.	. Y Y
Q.2	Define	e restriction enzyme? Give an a	account on nomenclature and it's types OR	20
	Write	short note on any four of the fo	ollowing:	
	a)	Micro injection		
	b)	Colony blotting	N. N. S.	
	c)	Gene gun	500,000,000,000,000,000,000,000,000,000	
	d)	Autoradiography		
	e)	Plasmid	3,4,4,0,0,4,4,6,9,0,0,x,6,6,6,6,6,4,4,4,4,4,4,4,4,4,4,4,4,4,4	
	f)	PCR		
Q.3	Select	and write correct answer from	the given alternatives in each sub questions	10
	1)	STSs are the physical mark o	f DNA which are detected by	
		a) CAPS b) PCR	c) RELP d) None	
	2)	The enzyme ∝ amylase is use	ed to treat disorder	
	8	(a) Skin ulcer	(b) digestive	
	2000	(c) leukemia	(d) deworming	
	3)	β – lactamase is used as an er	nzyme to treat the diseases	
6		(a) leukemia	(b) digestive disorder	
20°C		(c) blood clot	(d) penicillin allergy	
	4)	are involved in elim	ination reaction resulting in the removal of a group of items	
	26.82	from the substrate molecule.	05. N. V.	
		(a) lysases	(b) isomerases	
		(c) hydrolases	(d) none	
	\$\f\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	are those enzyme	which catalyze hydrolytic reaction.	
3,45,7	6007	(a) transferases	(b) ligases	
33 65 82 63		(c) hydrolases	(d) oxido reductases	
100 to	6	Chemicals used for gene trans	sfer methods include	
O A D	180 B	(a) Polyethylene glycol	(b) Cacl ₂	
	1 10,00°C	(c) dextran	(d) All of these	

"	IIIIXINA	A are conv				2,95,90,95
	a) rD	ONA	b) cDNA	c) dNTPS	d) All	20 12 20 22 12 12 12 12 12 12 12 12 12 12 12 12
8)	Insuli	n is secrete	ed by the		E ^X	
ĺ	a) Te		b) liver	c) Islet of Lang	herhans	d) None
9)	Coher	n et.al. (19	73) reported the	e cloning DNA by	using	as vector.
	a) Pl	lasmid	b) phage	c) Cosmid	d) All	of these
10)) Recor	mbinant tra	ansformation w	as developed by _	in 1979	
	(a) Ja	ackson et.a	ાી.	(b) Benton & I	Davis	33333
	(c) N	Mandell and	d Higa	(d) none	367730	

SUBJECT CODE NO:- B-2034 FACULTY OF SCIENCE AND TECHNOLOGY B.Sc. T.Y. (Sem-V) Examination Oct/Nov 2019 Zoology Paper-XVI (G) Dairy Science –I

[Time	Z00logy Paper-XVI (G) Dairy Science –I	Morke.50
[1 IIIIe	e: 1:30 Hours] [Max.]	Marks:50
	Please check whether you have got the right question paper.	
	i) Attempt all questions.	35000
	ii) Illustrate your answer with suitable labeled diagram.	2000 B
Q.1	What is microorganism? Give a detailed account, classification of microorganism. OR	20
	Write an Essay on Indian dairy product.	P. B.
Q.2	Define Khoa? Give a detailed account of methods of production and defects of Khoa. OR	20
	Write short note on any four of the following	
	a) Gradding of milk	
	b) Food and nutritive value of Dahi	
	c) Channa based sweet	
	d) Storage of milk	
	e) Cooling of milkf) Clean milk production	
Q.3	Select and write correct answer from the given alternatives	10
	 During Fermentation milkis converted into acid Glucose Fructose Sucrose 	
	2) Psychrotropic bacteria grow at temperature	
	a) 20 – 40°C b) above 40°C c) Below 47°C d) 5-7°C	
Å	3) Which of the following packaging materials cannot resist sterilization and freezing process?	
CANA DE LA	a) Polyvinyl chloride (PVC) b) Polythene c) Polyester d) None of these	
	4) Pasteurized milk is a) Fresh milk b) packed milked c) Skimme milk d) None of these	
	5) Cream is a fat containing fraction separated from milk by a) Centrifugation b) Pasturization c) Condensation d) Rotation	
	6) Organism present in the curd are mainly a) Strepto-cocci b) lactobacillus casie c) Both a & b d) None of these	
	7) The Coagulation temperature for preparation of channa is generally a) 70°C b) 80°C c) 60°C d) 50°C	

D	201	12	1
D	-20	IJ	4

8)	Khoa is used in				36.6
	a) Gulab Jamu	in b) Pe	dha	c) Barfi	d) All of these
9)	Which is not da a) Dahi	niry product b) Khoa	c) Chann	a d) Ise	englass
10	The specific gra	avity of fat of b) 0.09	milk is	d) 0.9	7

SUBJECT CODE NO:- B-2034 FACULTY OF SCIENCE AND TECHNOLOGY B.Sc. T.Y. (Sem-V) Examination Oct/Nov 2019 Zoology Paper-XVI (H) Poultry Sciences-I

		Zoology P	aper-XVI (H) Poultry Sciences-I	800000000000000000000000000000000000000
[Time	: 1:30 H	Hours]		[Max.Marks:50
		i) Attempt all quest		
		ii) Illustrate your a	nswer with suitable labeled diagram.	
Q.1	Give a	20		
	Descri	be reproductive system of por	OR ultry breeds.	
Q.2	Give a	in account of management of	Incubators	20
Q.2	GIVE U	in account of management of	OR	3,57,77
	Write	short notes on any four of the		15 Co.
		Fertility		9
	b)	Selection		
	c)	Mating		
	d)	Humidity		
	e)	Control		
	f)	Breed Club		
Q.3	Select and write correct answer from the given alternatives in each sub questions			10
	1.	White Cornish is the exampl	e of breed	
		(a) Mediterranean	(b) American	
	8	(c) Asiatic	(d) English	
	25	Causal organism of ranikhet	disease of poultry is	
/	CLYND.	a) Fungus b) Virus	c) Protozoa d) None	
		When male and female of co	me breed are crossed, it is known as	
10 C		(a) outcrossing	(b) Cross breeding	
		(c) Inbreeding	(d) None of above	
	349	breed is also known a	y c	
		a) Nurie b) Kajal	c) tekar d) Aseel	
	5.5.			
	3,250	(a) $2-3$ days	(b) $4-5$ weeks	
9, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20		(c) $2-3$ weeks	(d) $5-6$ weeks	
36.63	6.	Egg of poultry contains	yolk	
L'HOB	30,32	(a) 30 – 36%	(b) 40 – 46%	
S S Y	5,00,00	(c) 50 -56%	(d) None	

/.	Lipid contents in poultry fresh egg yolk is					
	a) 42-45%	b) 52-55%	c) 30-35%	d) 60-65%		
8.	The poultry m	neat should be preser	ved below	temp for co	nsumption.	
	a) 20°C	b) 10°C	c) 15°C	d) 9°C		
9.	Average age of poultry for fair egg laying					
	a) 62-70 wee	eks b) 52-60 week	c) 20-26	weeks d) 3	0-36 weeks	
10.	Iron contents in poultry egg is					
	a) 2.6 mg	b) 3.6 mg	c) 1.6 mg	d) 4.6 mg		