Sl. No.

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M.Sc. II Semester (CBCS) Degree Examination, September/October - 2022 ZOOLOGY

21ZOO2S2LP: Non-Clinical Safety Evaluation of Drugs

Time: 1 Hours									Maximum Marks : 30		
Not	e: A	Answer the f	ollowin	g MCQ in ar	OMR p	rovide	ed. (each q	uestion car	ries ONE mark)		
1.	OECD was established in										
	(A)	1963	(B) 1961		(C)	1962	(D)	1960		
2.	Full form of OECD is :]										
	(A)	(A) Organization for Economic Cooperation and Development									
	(B)	(B) Orientation for Economic Cooperation and Development									
	(C) Organization for Economic Co-oprative and Development										
	(D)	Organizati	ion for	Economic	Cooper	ation	and Disc	ussion			
3.	The full form of GLP is:										
	(A)	Good Lab	Patier	ice	(B)	Goo	d Leader	Practice			
	(C)	Good Lab	oratory	Practices	(D)	Goo	d Lab Pro	motion			
4.	SOP denotes:										
	(A)	Standard									
	(B)	Standard									
	(C)	Standard	of Pro	cesses							
	(D)	Standard	Opera	tion Proced	lures						
5.	Which of the following type(s) of Personal Protective Equipment (PPE) is frequently used?										
			0000		(B)	C1or	700				
	` '	Safety gla				Glov		T/O			
	(C)	Lab coats			(D)	AII (of the abo	vc			
6.	Name of local body which allows experiments on small animals.										
	(A)	IECC	(B) IACE		(C)	IAEC	(D)	CPCSEA		



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7.	he most common species used in animal research is: A) Cats (B) Dogs (C) Rabbits (D) Mice								
8.	he mouse is: A) Rodent species (B) Non-rodent species (C) Miscellaneous (D) None of the above								
9.	ruideline used for 28 days repeated oral Toxicity studies in rodents: A) OECD 420 (B) OECD 408 (C) OECD 422 (D) OECD 407								
10.	ne oldest quality control laboratory of the Drug Control Authorities in India is Central Drugs Testing Laboratory, Kolkata Central Drugs Testing Laboratory (CDTL) Chennai, Tamil Nadu Central Drugs Testing Laboratory (CDTL) Hyderabad, AP Central Drugs Testing Laboratory (CDTL), Mumbai								
11.	lcohol is known for its effects. Carcinogenic Neurotoxic Teratogenic Both (i) and (ii) Only (ii) (B) only (i) (C) only (ii) (D) All (i), (ii) and (iii)								
12.	That are the steps involved in evaluation of toxicity? A) Chemical analysis B) Pathway analysis C) Hazard identification and dose-response evaluation D) Evaluation of long term impact								
13.	nat is ecotoxicology? Maintenance and breeding of laboratory animals Study of biostatistics Study of drugdevelopment Study of the effects of toxic chemicals on biological organsisms.								
14.	Which of the following is NOT an initiating event in carcinogenesis? A) DNA strand breakage (B) Mitogenesis C) Mutation of proto-oncogenes (D) Oxidative damage of DNA								

15.	Toxi (A) (C)	cokinetics is the study of the physi Movements of toxins in the body Metabolism	(B)	-	ess	d with :					
16.		tich of the following assumptions is NOT correct regarding risk assessment for le reproductive effects in the absence of mechanistic data? An agent that produces an adverse reproductive effect in experimental animals is assumed to pose a potential reproductive hazard to humans									
	(B)	In general, a non-threshold is assumed for the dose-response curve for male reproductive toxicity									
	similar across										
(D) Reproductive processes are similar across mammalian species											
17.	Whi	Which of the following statements is true ?									
	(A) (B)	· · ·									
	(C)	•									
	(D)	to huma	ans and nearly								
18.		The LD50 is best described as which of the following: (A) The dose at which 50% of all test animals die									
	(B)	The dose at which 50% of the animals demonstrate a response to the chemical									
	(C) The dose at which all of the test animals die(D) The dose at which at least one of the test animals dies										
19.	Whi	ch of the following are tools used in	risk	analysis ?							
	(A)	Toxicology (B)		demiology							
	(C)	Clinical trails (D)	All o	of the above							
20.	The	LD50 is calculated from	.•								
	(A) (C)	A quantal dose-response curve a graded dose-response curve	(B) (D)	a hormesis of a log-log dos	_						
21.	A U-	-shaped graded toxicity dose-respons	e cur	ve is seen in h	umans v	vith					
	(A)	Pesticides (B) Sedatives	(C)	Opiates	(D) V	itamins					

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22.	The most rapid exposure to a chemical would occur through which of the following routes											
		Oral	(B)	Subcutar	neous	(C)	Inhalation	(D)	Intramuscular			
23.	(A)	most common Heart CNS (brain ar			(B)	Lun	g					
24.	(A)	ich of the following toxicity can Acute toxicity Sub-chronic toxicity			(B)	9 1						
25.	A to	toxic substance produced by biological system is specially referred to as a										
	(A)	Drug	(B)	Toxin		(C)	Xenobiotic	(D)	Poison			
26.	The (A)	fundamental s	statist (B)	ical indica Mean		are : (C)	Variance	(D)	Median			
27.	(A)	-			(B) (D)		ald Fisher rles Dunnett					
28.	Whi	Which of the following tests are parametric tests?										
	(A) (C)	ANOVA Chisquaretes	t		(B) (D)		skal-Wallis oxon					
29.	The	median of a se	eries o	of numeric	al val	ues i	s :					
	(A) (C)				(B) (D)		amber aph of hart					
30.	(A) (B) (C)	To determine the differences b population.					different cate	egorica us grou	al variables in a	a		
	(D)	To compare one group (usually the control treament) with the other groups										