Student Bounty.com FEDERAL PUBLIC SERVICE COMMISS.



(a)

0.025 %

TIME ALLOWED: (PART-I MCOs)

COMPETITIVE EXAMINATION FOR **RECRUITMENT TO POSTS IN BS-17 UNDER THE FEDERAL GOVERNMENT, 2011**

FORESTRY

30 MINUTES

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THR	EE I	HOURS	(PART-II) 2 HO	OURS	& 30 MINUTES	5	MAXIMUM	MAR	KS: 80
NOT	E: (i) First at	tempt PAR	T-I (MCQs) on	separa	te Answer Sheet	which s	hall be taken ba	ick afte	er 30
		minutes	S.							
	(ii)	Overw	riting/cutti	ng of the option	s/answ	ers will not be g	iven cr	edit.		
				(PART-I MC	CQs) (COMPULSORY	<u>)</u>			
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Q.1.	Se	lect the best	option/ansv	ver and fill in the	appro	priate box on th	e Answ	ver Sheet.	(1×20)	J=20)
(i)	Raisi	ing trees on	farm areas i	s called:						
` /					()	A C .	(1)	TT 1 C .	()	None of the
	(a)	Forestry	(b)	Social forestry	(c)	Agro-forestry	(d)	Urban forestr	(e)	None of the
(ii)	Acco	ording to one	e estimate th	at even if 20,000) hecta	res of land is brou	ight und	der trees annual	ly the p	percentage

(iii)	Tree planting along farm roads and boundaries is considered as:									
	(a)	Avenue planting	(b)	Linear planting	(c)	Inter planting	(d)	Compact planting	(e)	None of these

(c)

0.075 %

(d) 0.1 %

- Hydrophyte (d) Pheritophyte **(b)** Halophyte (c) Mesophyte (e) Keeping health and care of tree in view, removal of branches to improve the quality of timber is referred to as: (v)
- (a) Pollarding (b) Lopping **Pruning** (d) Cutting (e) (vi) Periodical removal of selected trees during various growth stages for the promotion of growth of remaining standing trees is known as:
- None of these (a) Cleaning (d) Thinning Clearing **(b)** (c) Weeding (e) (vii) Trees those provide shelter/protection to desired tendered plants during their early growth stages after which
- they are removed are considered as:
 - (a) Co-dominant trees Dominant trees **(b)**
- None of these (c) Sub-dominant trees **(d)** Nurse trees **(e)** (viii) Root/shoot cuttings are also known as:
- None of these **(b)** Roots cuttings Layerings (a) Stem cuttings (c) Stumps (e)
- (ix) In shelterwood system all the trees are removed:

of forest area will not increase by more than:

(iv) Plants those grow on stream banks are known as:

(b) 0.05 %

- (a) In one installment **(b)** More than one installments
- Trees are not removed at all None of these (c) (d)
- A forest having all trees of same species is called as: (x)
 - (d) Even aged forest Mixed forest **(b)** Pure forest (c) Uniform forest None of these
- (xi) Range forage and other feeds having dietary essentials in sufficient quantities and proper proportions for growth, maintenance and reproduction of range livestock are considered as:
 - (a) **(b)**
 - Complemental ration Supplemental ration Balanced ration (d) None of these. (c)
- (xii) The grazing practice whereby the forage on a part or on all of the range area is allowed to be grazed after it had attained seed maturity stage is called:
- - (a) Conservative grazing Deferred grazing **(b)**
 - (c) Proper grazing (d) Optimum grazing

None of these

MAXIMIM MARKS: 20

None of these

None of these

None of these

(e)

<u>FO.</u>	KES1	<u>RY</u>									6		
(xiii)	Range	e plants which d	lecreas	e in num	ber in re	sponse	to heavy	grazing	are kno	own as:	18		
	(a)	Indicator species	(b)	Decrea	sers	(c)	Increase	ers	(d)	Invaders	10	f these	
(xiv)	The ac	ct of grazing an	imals o	of remov	ing roots	s wheth	er woody	or herb	aceous	is know as:		12	
	(a)	Nibbling	(b)	Browsi	ng	(c)	Grubbir	ng	(d)	Grazing	(e)	.60	
(xv)	Exten	sive grasslands	compr	rising tall	grasses	and sca	attered dw	arf thor	ny tree	s located in su	ıb-humid	f these	
	sub tre	opical regions o	of East	Africa a	nd India	are kno	own as:						
	(a)	Pampas	(b)	Prairies	S	(c)	Savanna	ah	(d)	Tundra	(e)	None of these	
(xvi)	Living	g cum functiona	ıl place	e of wild	animals	is calle	d:						
	(a)	Niche	(b)	Roostir	ng place	(c)	Parchin	g place	(d)	habitat	(e)	None of these	
(xvii)	Natali	ty means:											
	(a)	Birth rate	(b)	Death r	ate	(c)	Populat	ion rate	(d)	Growth rate	(e)	None of these	
xviii)	A plac	e where the natu	ral flora	a and fauı	na is prese	erved, p	romoted, 1	nanaged	and is c	pened to visito	ors is calle	ed as:	
	(a)	Game reserve	(b)	(b) Wild life sanctuary									
	(c)	National park				(d)	Recreat	ional pa	rk		(e)	None of these	
(xix)		f total water pot	ential	of 140 M	IAF of V	Vestern	rivers, th	e amour	nt of wa	ater that flows	into sea	without	
	Ū	utilized is:			_			_				N	
	` ′	25 MAF	()	36 MA		(c)	48 MAI		(d)	50 MAF	(e)	None of these	
(xx)		ll obstruction co		_	•			decrease		•			
	(a)	Dam	(b)	Check	dam	(c)	Dyke		(d)	Spillway	(e)	None of these	
						PAR ^T	<u>Γ-ΙΙ</u>						
Q.2.	to w	lyse the present	nmuni	ty is relu	ctant to a	•						ith	
		opriate figures		U								(20)	
Q.3.		With respect to climate, vegetation, soil, wildlife, topography and other physiographic features, discuss											
	briefly but comprehensively different types of forest found in Pakistan and also mention their contribution in wood production.									шеп	(20)		
Q.4.	Enlis	Enlist qualities of good wood. Also discuss in detail different wood defects and their respective								(20)			
Q.5.	rang	How are various range components related to each other. Briefly point out various losses of energy from range ecosystem and also write a note on corrective measures with reference to energy losses from a range ecosystem. (20)									gy from m a		
Q.6.	steps of gr	ne "Carrying ca wise. How man reen forage per for sampling w	y shee _l quadra	p can be it was 2 I	allowed Kg and it	to graze contain	e on 500 l ned 70 pe	hectares rcent mo	of graz	zing land per i contents? Size	month if	weight	
Q.7.	prince be pr	e the factors rescribles of sound romoted in the ce short notes or	wildlif country	e manag y?	ement. A	Also giv				-		e can (20)	
Q.8.	(a) (d) (e)	Forestry and Environmen	eco-to t degra on of n	ourism adation a	(b) nd veget	Social ation	l forestry , rangelar			Agro-grazing ned areas) as a		·	
	(f)	Green house	-	s (g)	Forest	t Eco-sy	ystem	(h)	Forage	forestry/fores	t grazing	, .•	
