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FIRST YEAR HIGHER SECONDARY EXAMINATION, MARCH / SEPTEMBER 2017

Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
1	(a) (b)	ദ്രവിണി മേ, കിരം	1 1	2
2	(a) (b) (c) (d)	അദ്വൈതപ്രയത്നം പാലം മാനവവൃദ്ധി കാർമ്മിക സമൂഹം ശിരസ്സു പോല നരിക്കം	1 1 1 1	4
3	(a) (b) (c) (d)	മാനകദർശി ഉത്തരാധുനിക കവിത തത്വജ്ഞാനിക സാഹിത്യം നാടൻ കല	1 1 1 1	4
4	(a) (b) (c)	സൂർപ്പൻ ജനകമധ്യകിത്തം ലക്ഷ്യം ലക്ഷ്മി	1 1 1	3
5	(a) (b)	നരി തെറ്റു	1 1	2
6		സന്ദർഭം തിരിച്ചറിഞ്ഞു അനുകൂലം വിശദീകരിക്കുക	1 2	3
7		കഥ തിരിച്ചറിഞ്ഞു. അനുകൂലം വിശദീകരിക്കുക	1 2	3



Q.No	Sub Qn	Answer Key / Value points	Score	Total
8		കുവിയ്യുടെ സ്വഭാവം തിരിച്ചറിഞ്ഞു അനലം ചുറ്റും ചാക്കി	1 2	3
9		കുവിയ്യുടെ അനലം തിരിച്ചറിഞ്ഞു കൊടുമുടി ഭരണമെടുത്തു	1 2	3
10		നാട്ടിനെപ്പറ്റി അനലം മനസ്സിലാക്കിത്തന്നു. പാതകങ്ങളുടെ തിരിച്ചറിഞ്ഞു	1 2	3
11		പാതകങ്ങൾ തിരിച്ചറിഞ്ഞു അനലം വിശദീകരിച്ചു	1 3	4
12		ചുറ്റും തിരിച്ചറിഞ്ഞു അനലം വിശദീകരിച്ചു	2 2	4
13		രണ്ടാമത്തെ ചുറ്റും തിരിച്ചറിഞ്ഞു. മനസ്സിലാക്കിയതിന്റെ വിശദീകരിച്ചു	2 3	5
14		ചുറ്റും അനലം തിരിച്ചറിഞ്ഞു അനലം വിശദീകരിച്ചു പാതകങ്ങൾ തിരിച്ചറിഞ്ഞു	1 2 2	5
15		ചുറ്റും അനലം തിരിച്ചറിഞ്ഞു കുവിയ്യുടെ നാട്ടിനെപ്പറ്റി വിശദീകരിച്ചു	2 3	5



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16		<p>പ്രകൃതവസ്തുക്കളുടെ അനന്തം ഗുണിച്ചിട്ടുണ്ട്</p> <p>പാഠഭാഗത്തെ ആശയങ്ങൾ സംഗ്രഹിച്ചിട്ടുണ്ട്</p>	2 3	5
17		<p>കവിതയിലെ ആശയം ഉൾക്കൊണ്ടിട്ടുള്ളത്</p> <p>ആശയങ്ങൾ മുക്തിപുരയ്ക്കും നിവൃത്തിച്ചിട്ടുണ്ട്</p> <p>ഉപന്യാസപദം ദ്വീകിച്ചിട്ടുണ്ട്</p>	3 3 1	7
18		<p>കഥയുടെ പ്രമേയം ഉൾക്കൊണ്ടിട്ടുണ്ട്</p> <p>കഥയെ വിശകലനം ചെയ്തിട്ടുണ്ട്</p> <p>സ്വാഭാവികതയും സൂചിപ്പിച്ചിട്ടുണ്ട്</p>	3 3 1	7
19		<p>പാഠഭാഗത്തെ ആശയം ഉൾക്കൊണ്ടിട്ടുണ്ട്</p> <p>ആശയങ്ങൾ ക്രമീകരിച്ചിട്ടുണ്ട്</p> <p>ഉപന്യാസപദം ദ്വീകിച്ചിട്ടുണ്ട്</p>	3 3 1	7



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Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
1		Greek	1	1
2		Kerala	1	1
3		Islamic history developed as a branch of history. Material sources and literary sources Material sources: coins, cloths, pottery, ponds, forts, palaces, domes etc Literary sources: Books, periodicals Legends, Biographies, records, poetry etc	1 1 1 1 1 1	4
4		PEW sources says world's second largest religious tradition Majority population in 119 countries	1 1	2
5		Arabia - The hottest peninsula of the world. Sandy deserts, al-Nafud Rub-ul khali - Al Dhahna Date Palms - less vegetation and Fauna of Arabia India - Not hot as Arabia different climate and fauna Lot of vegetation and variety of crops. Presence of Rivers	1 1 1 1 1	4



Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
6.		Tribal life. Tribal conflicts Fijr war, Dams Ahbra - Basus war.	1 3	4
7.		Poetical excellence of Pre-Prophetic Period Muallabat and Qasidas Literary Gathering	2 1 1	4
8.		Birth in Quraish family - Orphan- hood, Fijr war, Halfal Fuzul, Al-Amin	1 2 1	4
9.		Persecution of Quraish - Shelter in Abyssinia and Yathrib Modern emigration of Syrians and Iraqis	1 1 2	4
10.		Pledge of Akba	1	1
11.		Year of Sorrow	1	1
12.		Prophecy	1	1
13.		Birth of Prophet	1	1
14.	(c)	Discarded social evils like, oppression of slaves, infanticide, mistreatment etc Freedom to women and right on the weak	2 2	



Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
		Equality to all human beings	2	
		Religious Tolerance	1	8
		Model family	1	
	(b)	Wars fought very near to Yathrib	2	
		Less casualties	1	
		Treatments of war prisoners	1	
		Treaties after war (Hudaybiyah)	1	8
		Sacrifice of desires of Makkans	1	
		Ursult for Hudaybiyah	1	
		peace after the conquest of Makkah	1	
15		Cluses of Medina charter gives equality to all tribe	1	
		Freedom to individual	1	4
		Common resistance	1	
		Concept of society in Charter	1	
15		Riddah war	2	
		Refusal of Zakaat	1	6
		Byzantine threat (Thebaic Expedition)	1	



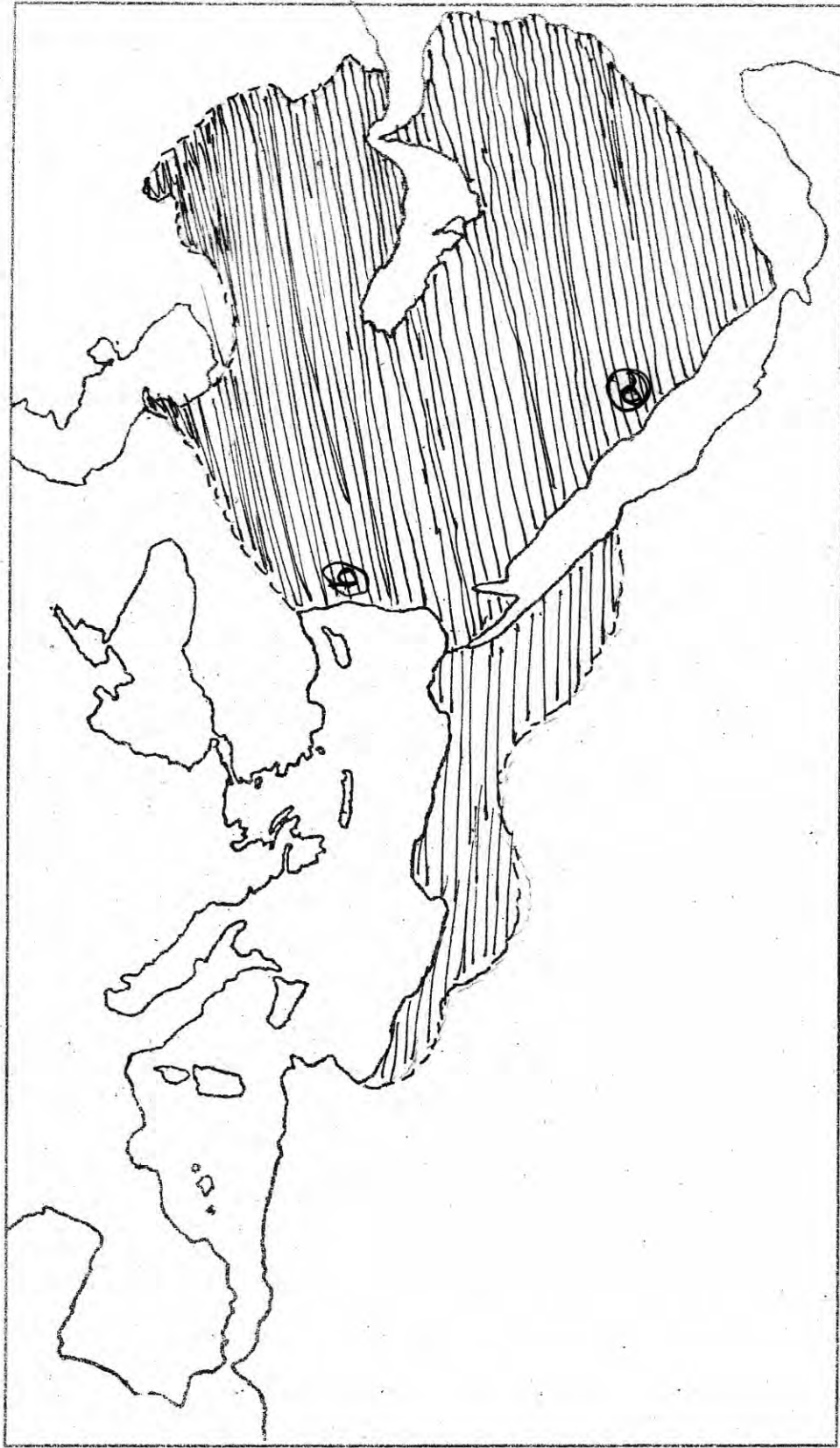
Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
17.		map - attached	4	4
18		Electus in Bolk system	1	
		Peoples participation in Bolk system	1	
		Bolk stands for Public welfare	1	4
		No chance of Hereditary Succession	1	
19.		Khalifa Ali - Son of Abutalib - Son-in-law of Prophet	1	1
20		Muawiyeh - Hazrat Ali - Battle of Siffin	1	1
21		Abu Saifyan - Muawiyeh - Yazid	1	1
22		- Yazid - Hazrat Husain - Karbala	1	1
23		Abdul Malik - Hajjaj Ibn Yusuf - Nuktah	1	1
24		Al-walid - Conquest of 2nd - Conquest of Spain	1	1
25	(a)	Centralized administration in Byzantine style	1	
		Unlimited power of ruler and limited freedom of people	2	
		Provincial rule by Qaimar (Qaim)	1	
		Fiscal administration of Qaim	1	8
		Absence of advisory Council	1	
		Central System and Naval army	1	
		Provincial administrators and Military administrators	2	



Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
	b)	Greek, Iranian and Syrian physicians at the Court of Damascus	1	
		Medical works translated to Arabic	1	
		Mathematics and Astronomy also	1	
		Sh. Mihrab - indicator of direction	1	8
		Dome of Rock	1	
		Kalila wa Dimna - Kalila Majnun	1	
		Abu Aswad Adduwali	1	
		Qurans and Sira literature	1	
26		Early trade Contact of Arabs and Kerala	1	
		Malik Ibn Dinar and his missionary work	2	4
		Cheraman Legend	1	
27		Arabkal Rajas of Kannur	1	
		Tharissappali Copper plate	1	1
		Kunjali Marakkur - An admiral of Sumatran	2	
28		Pulthupattanams	1	1
29		Tipu Sultan	1	1



Map of Eurasia



Shows the Khilafat under Uthman

② Score



- a) Makken — ① Score
- b) Palastine — ① Score

K-21


171

EST - I

- 1<sup>st</sup> year

2017

## FIRST YEAR HIGHER SECONDARY EXAMINATION, MARCH / SEPTEMBER 2016

Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
1		Symbols	$\frac{1}{2} \times 4$ = 2	2
2		$R = \frac{V}{I} = \frac{10}{0.5} = 20 \Omega$ $\therefore R = 20 - 13 = 7 \Omega$	1 1	2
3	a b	$0.72 eV$  $R = \infty$	1 1 1	3
4		$(5+2) mA = (5+2+1) mA$ $\therefore I = 1 mA$	1 <del>2</del> 1	2
5		$F_m$ $m_f = \frac{d}{f} = \frac{300 kHz}{15 kHz} = 20$	1 1	2
6		Structure of Pchannel JFET One application of LED, Zener diode, photodiode, TRIAC	2 $\frac{1}{2} \times 4$ = 2	4
7	a	o/p characteristics	<del>1/2</del> 1	3
	b	masking regions	<del>1/2</del> 1	
8		$\frac{I_c}{I_B}$ Brown, Black, gold - $10 \Omega$ Violet, green, Red - $75 k \Omega$ Orange, White, Blue - $39 M \Omega$	1 $\times$ 3 = 3	3
9	a	$a = 11 pF, b = 2.4 k \Omega, c = 5 mH$	1 $\times$ 3	4
	b	Preset	1	

Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
10		Need for modulation	1x3=3	3
11	a	Electron gun	1	
	b	Block diagrams of CRO	3	4
12		Zones break down Avalanche "	1 1/2 1 1/2	3
13	a	Amplification	1	
	b	Amplifier circuit	3	4
14		Tank circuits	1x3=3	3
15		$R_{sh} = R_m \times C_s / (I_{max} - C_s)$ For 100 mA, $R_{sh} = 1.01 \Omega$ For 1 A, $R_{sh} = 0.1001 \Omega$	1 1 1/2 1 1/2	4
15		OR Block diagrams of digital multimeter	4	4 <sup>c</sup>
16		Comparison of rectifier circuits	4	4
16		OR Circuit diagrams of center tapped F.W.R Explanation	2 2	4
17		Diagram of ckt characteristics Explanation	1 1/2 1 1/2 2	5
18	a.	14V	1	
	b.	$\Pi$ filter	1	2
19		Features (3 points any)	1x3=3	3
				60



FIRST YEAR HIGHER SECONDARY EXAMINATION, MARCH / SEPTEMBER 2015.

Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
1		Book - Hundred Years of Anthropology - (1935) Explanation of 4 stages - Formulatory, convergent, constructive, critical.	21 1/4 x 4 5	6
2		Anthropological knowledge develops 1- Holistic approach, 2- Integrative outlook 3- Avoid ethnocentrism, and upholds cultural relativism 4- Promote field based study.	1 x 4	4
3		b) Franz Boas	1	1
4	a) b) c) d) e) f)	cultural trait Kmic culture site phoneme Bard Proverb	1 x 6	6
5		Beginning - Herodotus (Father of Greek ethnography) contribution of Christian missionaries Ⓐ E. B. Tylor - verified data Ⓑ L. H. Morgan - study of Iroquois Indians Ⓒ W. H. R. Rivers - " " Foda Ⓓ Radcliffe Brown " " Andaman Islanders Ⓔ Malinowski " " New Guinea Island (Father of field work tradition) Brief description	1/4 x 4 4	4
6	Ⓓ	Use and abuse - others are part of synthetic theory of evolution	1	1
7	Ⓐ	Human Evolution Dryopithecine - Dryopithecus, Gigantopithecus, Ramapithecus Australopithecine - Australopithecus Africanus, Australopithecus africanus, Homo Habilis Pithecanthropines - Homo erectus, Sinanthropus, Pekingthropus Neanderthal, Cromagnon Modern Human - London Skull, Swanscombe, Cro-Magnon		8

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Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
87	(6)	<p style="text-align: center;"><u>Primate</u></p> <pre>         graph TD             Prim[Primate] --- suborder[Suborder Prosimii]             Prim --- suborder[Suborder Anthropoidea]             suborder --- SuperFamily[Super Family]             SuperFamily --- Ceb[Ceboidea]             SuperFamily --- Cercopithecoidea             SuperFamily --- Hominoidea             Cercopithecoidea --- Family[Family]             Cercopithecoidea --- Pongidae             Cercopithecoidea --- Hominoidea             Hominoidea --- Family             Hominoidea --- Hylobatidae             Hominoidea --- Pongidae             Hominoidea --- Hominidae             Pongidae --- Genus[Genus]             Pongidae --- Andipithecus             Pongidae --- Australopithecus             Pongidae --- Homo             Homo --- Species[Species]             Homo --- HomoHabilis[Homo Habilis]             Homo --- HomoErectus[Homo Erectus]             Homo --- HomoSapiens[Homo Sapiens]             HomoSapiens --- SubSpecies[Sub Species]             HomoSapiens --- Neanderthalensis[Neanderthalensis]             HomoSapiens --- HomoSapiensSapien[Homo Sapien Sapien]           </pre> <p>Mammals - warm blooded, two sets of teeth <math>2\frac{1}{2}</math>  Heterodont, Mammary glands  Breast feeding social relation</p> <p>Primate - enlarged brain, prehensile hand <math>2\frac{1}{2}</math>  Developed fingers, opposable thumbs,  centrally placed foramen magnum,  erect posture etc.</p>	3	8
88		<p>A Rh disease due to Rh incompatibility as Rh negative mother carries Rh +ve foetus. circulation of blood from foetus to mother creates antibody and reacts with the blood of foetus.</p>	3	3
9		<p>Upper Palaeolithic period 1/10 of Pleistocene  development of blade tools, bone tools,  ivory, ornate, teeth etc as tools, cave art  built huts and lived in caves, painting  on cave walls etc.</p>	3	3
10		<p>Absolute - carbon 14, dendrochronology  Relative - stratigraphy, pollen analysis</p> <p>Detailing of any two <math>2 \times 2</math></p>	2	6
11		<p>Linguistic communication - uses language, sound  has meaningful relation.</p> <p>Paralanguage - communication through  modulation and variation of sound.  Sound is not a property of language.</p>	$1\frac{1}{2} \times 2$	3

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Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
12	A	<p>① monogamy ② <sup>serial monogamy</sup> ③ Polyandry            ④ Polygyny ⑤ nonserial Polygyny            ⑥ non fraternal Polyandry.</p> <p>Explanation of these forms</p>	2 6x1 = 6	2 8
12	B	<p>① Composite family ② Extended family            ③ Polyexous family ④ patrilocal ⑤ Matrilocal            ⑥ Bilocal.</p> <p>Explanation of these forms</p>	2 6x1 = 6	8
13		<p>Positive Sanction - Appreciation of behavior            Following social norms is respected            It integrates the community.</p> <p>Negative Sanction - Destitutive factors.            Giving physical punishment.            It even leads to killing.            (Any two)</p>	2x2	4
14		① A, B and D	1	1
15		② Goda	1	1
16		<p>① Generalised Reciprocity ② Balanced Reciprocity            ③ Negative Reciprocity</p> <p>Explanation</p>		4
17		<p>① B A B C            ② Belief in soul - Animism - E.B. Tyler            ③ Worship of Nature - Naturalism - Max Müller            ④ Belief in material objects - Animatism - R.R. Marett</p>		
18		<p>Religion - Public and communal, Diversified            in nature, has congregational aspects            Priest commands respect, benevolent.            Submission before supernatural</p> <p>Magic - confined to individual, Uniform            in principle, Secret, magic is feared,            used for good and bad,            controls supernatural power            (Any form)</p>	4x1	4



Qn. No.	Sub Qns	Answer Key / Value points	Score	Total
19		cultural tourism - traditional rituals popular art, folk performances etc attract tourists. indigenous treatments, Vallambadi, Art farms, festivals etc are attractions to foreign tourists.		3
20		Noam Chomsky Pre wiring of brain, idea related Acquisition of language, universal grammar as a model.		4
21	a) b)	any non performing art like craft, sculpture, Folk technology	1 1	2
22		b) Charismatic Authority		1