

2017

SECOND YEAR HIGHER SECONDARY EXAMINATION, MARCH / MAY 2017
(Scheme of Valuation)



Subject: ELECTRONICS

Code No: 05 5023

Qn.No	Scoring Indicators	Split Score	Total Score
1	8085 8085 or any other	1	1
2	PSTN Block diagram	2	2
3	Uplinking, Down linking frequency difference Reason	1 1	2
4	a, RAM b, PROM, EPROM	1 1	2
5	Dot matrix - impact - needle electronics assent. $\frac{1}{2}$ can laser printer - non impact - modulated laser beam inkjet - non impact - piezo electric effect of therm of	1 1 1	3
6	a, Any two biomedical $\frac{1}{2} + \frac{1}{2}$ equipment. b, ECG, Pacer. P, Q, R, S, T waveform	1 1 1	3
7	a, sky waves b, critical frequency	2 2	4

15
1/3

Qn.No	Scoring Indicators	Split Score	Total Score
14	(a) $V_0 = 9V$ (b) $V_{in} > 9V$ (c) Total i/p voltage dropped across R_S and R_L. So to have an o/p voltage of $9V$, V_{in} should be greater than $9V$	1 1 2	4
15	a) $\lambda/4$ b) $\lambda = \frac{c}{f} = 60000m$ length of antennae = $\frac{\lambda}{4} = 15000m$ c) Need for modulation	1 1 1 2	5
16	a) Super heterodyne (b) Block diagram Explanation	1 3 2	6
17	a) i) Twin wire 300Ω, Yagi antenna. Co-axial 75Ω. (b) Yagi is directional in nature parasitic elements (properly placed) Parabolic antenna has the property of focusing all the signals to a point called focus.	1 1 2 2	6



Scoring Indicators.

1	- Identified the two schools of historiography - Awareness about the approaches both the streams - Analysed and evaluated the chief features of the two schools.	1 2 2	5	
2	- Awareness about the failure of the Dutch - Awareness about the Dutch impact - Arrived at valid conclusions about the Dutch impact.	1 2 1	4	
3	- Awareness about the agricultural products that the Portuguese introduced in Kerala - Awareness about the scientific cultivation of Pepper, coconut, ginger etc.	2 2	4	
4	- Awareness about the battle of Plassey. - Evaluated the significance of the war. - Arrived at conclusions	1 2 1	4	
5	1 Score each to identify and locate the places. - Meerut. - Kanpur - Jagadishpur/Bihar - Jhansi - Delhi.	1 1 1 1 1	5	
6	1 Score for each for four. - Pazhassi Revolt. - Vellore Mutiny - Kundara Proclamation - Queen Victoria's Proclamation	1 1 1 1	4	1/4



7	- Analysed the contributions of Jyothirao Phule to the upliftment of the lower classes - Evaluated whether Phule was the forerunner of Ambedkar or not	2	2	4
8	^B Aligarh movement - ^C Mohammedan Anglo Oriental College S. N. D. P. Yogam - Aruvippuram - Self Respect movement - Periyar - Theosophical Society - Madame Blavatsky	1	1	4
9	- Awareness of the introduction of Western education in India - Awareness of the British intention - Analysed the opinion and arrived at conclusions.	1	1	2
10	- Awareness about the background in which the message was given - Evaluated the social significance of the message.	2	3	5
11	- Sentable title with introduction - Analysed the limitations of early attempts. - Analysed the activities and strategies of Gandhi - Proper arrangement of facts with sub titles and conclusion	1½	2	3
		1½	8	



- Subtitle with introduction
- Analysed political background
- Analysed various contributory factors
- Proper arrangement of facts with subtitles and conclusion

1 1/2
2
3
1 1/2
8

- 12
- 1 score for each correct answer
- Champaran Satyagrah - Bihar
 - Tribhanga Movement - Bengal
 - Kheda Satyagrah - Gujarat
 - Telangana ~~Revolt~~ Movement - Andhra Pradesh

1
1
1
1
4

- 13.
- Formulated ~~the~~^{an} idea about the evil genius in Hitler.
 - Analysed his racial theory and anti-Semitism.
 - Analysed the Nazi Programme and growth of militarism under Hitler, and the violation of agreements and various aggressions.

2
3
3
8

- Analysed the structural weakness of the League of Nations.
- Highlighted the attitude of Big Powers like USA towards the League
- Evaluated the challenges:
- ~~Sub~~ Evaluated the issues and conditions under which the League suffered a total setback.

2
2
2
2
8

14	1 Score each for four items. <u>I</u> Mao Tse Tung. <u>II</u> Austria <u>III</u> Treaty of Aix la Chapelle <u>IV</u> Treaty of Severs.	1	4
15	Awareness of the Pearl Harbor attack by Japan and the adverse effect of it.	2	2
16	Evaluated the composition of the Security Council and pointed out the veto power enjoyed by the big powers. Arrived at conclusions regarding the veto power	2	4
17	Awareness about the Palestinian problem. Examined the threat the issue causes to the peace of the entire West Asian region	2	4
18	Awareness about the modern schools of historiography. Awareness of the annals approach to historiography	1	3



- | Q. No. | Answer | Score | Total |
|--------|--|------------------|-------|
| 1 | 1. Mandel Commission used four social criteria
2. Mandel Commission made seven important suggestions.
3. Students can suggest recommendations.
Marks may be given on the basis of the merit of recommendations. | 2
3
2 | 7 |
| 2 | 1. It is an autonomy movement and formation of a separate state. Explanation.
2. Adivasi movement in Kerala under the leadership of C.K. Janu for getting land.
3. Legitimacy of these movements. Give four points to establish legitimacy. | 3
3
2 | 8 |
| 3 | 1. Caste and class are two aspects of social stratification. It is related in terms of inequality and hierarchy. Such type of explanations expected
2. Caste is closed class is open. explain.
3. It makes a continuum. explanation.
4. Observations with examples. | 2
2
1
1 | 6 |
| 4 | 1. Socio-cultural characteristics - ethnicity, Race, Religion, caste, Kinship, economy, etc.
2. Race, religion, linguistic, cultural, political
3. Ethnic issues like LTTE.
4. Suggestions. Marks may be given depends on the nature of suggestions. | 2
2
2
2 | 8 |



5	1. Gender discrimination is related with dowry		
	Marks may be given according to explanation.	2	
	2. Dowry deaths and other social issues.	2	
	3. The rate of the female child is alarmingly decreasing This is largely due to sex determination and consequent abortion. explain.	2	7
	4. Dowry and family problems - break down of relations	1	
6	1. Brief explanation about the hurdles - regionalism, casteism, communalism, linguism.	2	
	2. own views & constitution, political integration etc.	2	4
	3.		
7	1. Monogamy - polygamy - Levirate and Sororate	1	
	2. Avoidance - teknonymy - Couvade	1	
	3. Fasid - Muta - Nikah	1	4
	4. Joint family - Authority - Self sufficiency.	1	
8	1. Identifications of issues - Environmental pollution, rise of land price, flat culture, induced displacement. Marks should be given for the identification of such issues.	2	
	2. preferably environmental issues, displacement, etc. Marks should be given to the identification and explanations of modern newly emerged issues.	4	7
	3. propose suitable solutions.	1	
9	1 characteristics of varna system in India.	2	
	2. observance of the remains of varna system	1	3



- 10 1. Introduction of English education, western values and ideologies. Explanation
2. Educational development of Kerala is largely due to the British foundation of education. 1 3
- 11 1. Give choice to observe the merits of love marriage
2. Give choice to observe the demerits also. 1
3. Identification of other traditional forms of marriage like Brahma, Daiva, Arsha, etc. (Identify atleast four) 1 3
- 12 1. Expecting some explanation with regard to Sanskritisation and
2. Westernisation process. Should identify M.N. Srinivas and his concepts. 2 4
- 13 1. Table shows a steady growth of population explanation 2
2. Nearly double in 2011. Marks may be given such type of assumptions. 1 3
- 14 1. Salient features of existing population policy. 2
2. Suggest new ideas to include the population policy. 2 4
Marks may be given according to merit of suggestion.
- 15 1. Identification of four types of crime - against person, property, public order, cyber crime. 2
2. Crime rate in India, preferably statistics. 2 6
3. Suggestions - theoretically four ways to prevent crime. Student can also make recommendations. 2



16 1. Diseases like fever recently emerged
Skin diseases, chest diseases, allergy, etc.

2. Waste materials should be disposed efficiently

- Don't dump the wastes in public places and
water resources.

- Control the use of pesticides. etc.

3

2



SECOND YEAR HIGHER SECONDARY EXAMINATION, MARCH 2017.

05 5030
Philosophy

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total
1		'the heard'	1	1
2		Upamishads - Brahman, Atman Identification of Brahman with Atman.	1 1/2 1 1/2	3
3.		Absolutism Theism	1 1	2
4.		Yoga	1	1
5		The path of action. Emphasis in B. Gita.	1 1	2
6.		Vedas	1	1
7.		Inference - source of valid know- ledge. Nyaya inference.	1 1	2
8.		Ramany a	1	1
9.		Philosophy Science Relation	1 1	3
10.		to love	1	1
11.		Upanishads, the Brahma- Sutra and the Bhagavad Gita Triple text of vedanta. Brief explanation.	1 1/2 1 1/2	3



Qn. No	Sub Qns	Answer Key/Value Points	Score	Total
12		Definition. Explanation of Rationalism Descartes' contribution.	3 3	6
13		Locke	1	1
14		Hegel	1	1
15.		Ultimate reality is many. examples.	$1\frac{1}{2}$ $\frac{1}{2}$	2
16.		View that Object and the knowledge of the object are different explanations.	1 1	2
17.		ethers	1	1
18.		Ethical theory - human conduct determined by internal or external forces Different types.	1 1	2
19		Conduct	1	1
20		Neither real, nor unreal avastana, vikshepa	$1\frac{1}{2}$ $1\frac{1}{2}$	3
21		Locke	1	1
22		Subjective idealism Objective idealism Absolute idealism	1 1 1	3



Qn. No	Sub Qns	Answer Key/Value Points	Score	Total
23		Correlative. Rights incomplete without consideration of duties.	3	3
24.		empeiria	1	1
25.		knowledge	1	1
26		Necessarily essential to morality. Freedom of will - explanation.	1 2	3
27		Retributive theory	1	1
28.		Goodly	1	1
29		Wisdom Courage Temperance Justice Explanation	1 2	3
30		Philosophia - the love of wisdom. Explanation	1 1	2
31		Science of values - explanation	1	2
32		Moksha attained at the cessation of body	2	2
33		Self pure consciousness observer Explanation	1 2	3



Qn. No	Sub Qns	Answer Key/Value Points	Score	Total
34.		Kapila	1	1
35		Buddhist Doctrine of momentariness explanation	3	3
36		Jaina theory - theory of relativity of knowledge. Explanation	1 2	3
37.		Term used to describe a system of philosophy derived from dss, means to see, explanation	1 2 1	2
38		Tivannukta	1	1
39		Man of steady wisdom explanation	1 2	3
40		Nishkāma karma active involvement in the world process - path of activity-explanation.	1 1 1	3



SECOND YEAR HIGHER SECONDARY EXAMINATION, MARCH 2017.

OS 5031

Psychology

Qn. No	Sub Qns	Answer Key/Value Points	Score	Total
1		b) Potentiality to perform the activity	1	1
2		c) Social loafing	1	1
3		d) Absent in old persons	1	1
4		a) Affective	1	1
5		c) Psychosomatic	1	1
6		d) stage of adaptation	1	1
7		d) systematic desensitization	1	1
8		b) Low Average	1	1
9		d) Bio-system	1	1
10		b) Ensuring equal status	1	1
11		d) Advising	1	1
12		b) Empathy	1	1
13		a) Performance tests are made up of certain concrete tasks.	1	3
		b). C.M. Bhatia developed such a test known as Bhatia Battery, consisted with five separate tasks. Koh's Block Design Test is one of the batteries.	2	
14		Allport and Trait Theory -		3
		a) Cardinal	1	
		b) Central	1	
		c) Secondary	1	
		should explain each trait		



Qn. No	Sub Qns	Answer Key/Value Points	Score	Total
15		social facilitation - Positive effects on performance due to the presence of others. It cannot be generalized to all the people. Sometimes people's performance come down by others' presence. E.H. Allport conducted series of studies in which the performance of individuals was compared in a variety of tasks in single and group.	3	3
16		Formation of Attitude - The ways are:- - Instrumental conditioning - Observational learning. - Other factors: family, reference groups, and media exposure.	3	3
17		Coping with Stress: Three broad categories - Task oriented, emotional focused, and ego-defensive. [Describe the concept]	3	3
18		Classification of Psychological Disorders. Need of classification, APA International Classification of Diseases (ICD) Diagnostic and Statistical Manual of Mental Disorders (DSM - IV)	3	3
19		Initial Phase of Psychotherapy - Initial interview, therapeutic alliance, therapeutic contract, setting the goals, and setting of limits.	3	3



Qn. No	Sub Qns	Answer Key/Value Points	Score	Total
20		Effective Psychologist: An effective psychologist should be - competent, scientific temper, responsible, should respect to people's right and dignity, concern for other's welfare, should have interpersonal sensitivity, openness to ideas, and ability to observe.	3	3
21		Levels of measurement - Nominal Ordinal Interval and Ratio.	1 1 1 } 3	3
22		Environmental stress: - Write any three of the following. Air pollution, Noise pollution, crowding, and Natural and man-made disasters.	3	3
23		Inkblot, TAT, Draw-a-person. Definition of projective test. Rorschach Inkblot - consisted 10 inkblots. Five are black and 5 are colored. Two phases - a) performance proper, b) inquiry. TAT - Developed by Morgan and Murray. It consisted with 30 black and white picture cards and one blank card. Content of the card, the subject should tell a story describing the situation etc. Draw-a-person Test - should explain the procedure and interpretation.	1 } 2 } 2 }	6



Qn. No	Sub Qns	Answer Key/Value Points	Score	Total
24		^{dynamic} Psycho-analysis Therapy - Definition, The common or popular methods are Free Association, Analysis of dream, Analysis of resistance, and Transference analysis	6	6
25		Anxiety Disorders - They are :- Generalized Anxiety Disorder (GAD), Panic disorder, phobias, Obsessive compulsive disorder, somatoform disorder, dissociative disorders and post traumatic stress disorders (PTSD). The student should explain each disorder with sufficient points. —	6	6

FIRST / SECOND YEAR HIGHER SECONDARY EXAMINATION, MARCH / JUNE / SEPT 2017
(Scheme of Valuation)

Subject: Journalism

OS
Code No: 5035

Qn. No	Scoring Indicators	Sp. Score	Score
1.	Naming - as - Hand mic, Desk mic, Stand mic and lap mic.	$\frac{1}{2} \times 4$	2
2.	Defining terms -	$\frac{1}{2} \times 4$	2
3.	Definition of each term Differences - among them	$\left. \begin{matrix} 1+1 \\ 1+1 \end{matrix} \right\}$	4.
4.	Example and format and testing	$\frac{3}{4} \times 4$	3.
5.	Minimum Six Sections - like, news, ad, circulation, Production, Financial Account and HR	$\frac{1}{2} \times 6$	3.
6.	Each style definition Characteristics of each	$\left. \begin{matrix} 1 \times 2 \\ 1 \times 2 \end{matrix} \right\}$	4
7.	Beat - Definition Minimum - 8 beats. like hospitals, police station etc.	$\left. \begin{matrix} 1 \times 1 \\ 2 \frac{1}{4} \times 8 \end{matrix} \right\}$	3
8.	Definition of each term.	$\frac{1}{2} \times 4$	2

Subject:

Code No.



Qn.No	Scoring Indicators	Split Score	Total Score
9-	Text quality Creativity	$\frac{1}{2} \times 2$	1
10-	- Communicative Ideas. - Style of Presentation. - Formalistic writing - Creativity. - Grammar	1×5	5
11	Various common shots. Minor Six.	$\frac{1}{2} \times 6$	3
12	Definitions Differences of each	$\frac{1}{2} \times 2$	3
13	- Profile of the personality. - Style of presentation - Language quality and grammar	1×3	3
14	Defining -	$\frac{1}{2} \times 4$	2
15	- Each task in each stage of production. - Minor Two important 6 tasks in each.	$\frac{1}{2} \times 6$	3
16	- Language quality - Method of presentation - Formalistic style	1×3	3

Subject:

Code No:



Qn.No	Scoring Indicators	Split Score	Total Score
17.	- Define New Media. - Characteristics of new media - Impact factor - later	1x3	3.
18.	Each principle - minimum Six: Breukly, Impulsivity, Aversary, objectivity, Fair	$\frac{1}{2} \times 6$	3.
19.	Semi format Terms - Subject depth Style of presentation Grammar	1x4	=4
20.	Six objectives (minimum).	$\frac{1}{2} \times 6$	3
21.	Definition.	1	1
			60