## **Year End Examination - 2015**

## **SCIENCE**

Grade 9		විදස	ාව	Time	Time: 02 Hours & 30 min.		
N	Name/ Index No.						
		PART	T - I				
•	Answer all questions.						
•	Underline the correct ans	swer.					
01	The third step of scientific	method is,					
	(1) Observation		(2) F	Problem identific	ation		
	(3) Formulate hypothesis		(4) ]	Testing the hypotl	hesis		
02	What is the equipment used to measure liquids by removing a definite volume and which is calibrated from top to bottom,						
	(1) Measuring cylinder	,,,,,	(2) F	Pipette			
	(3) Burette			Volumetric Flasks	S		
03	Who put forward the heliocentric mode about the solar system?						
	(1) Aristarchus (2) Aristotle		(3) Johann Kepler (4) Galileo Galilei				
04	The closest star to the earth	is,					
		Proxima Centuary	0.00	(3) Polaris	(4) Betelgeuse		
05	Select the vector quantity from the following quantities,						
	(1) Distance (2)	Speed	(3) t	ime	(4) Displacement		
06	Standard international unit for is,						
	(1) $MS^{-1}$ (2)	Ms <sup>-1</sup>	(3) n	ns	$(4)  \text{ms}^{-1}$		
07	Shortest distance between A and B is 80m and time taken to travel from A to B in that path was 10 s. The velocity of the object is?						
			(1) 8	Sms <sup>-1</sup>	(2) 10ms <sup>-1</sup>		
	80m		(3) 40	)ms	(4) 12ms <sup>-1</sup>		
08	A B Not an application of micro	bial activity,					
	(1) Compost production		(2)	Glass production			
	(3) Diary production		(4) V	Vinegar production	on		
09	Some chemical reactions a	re given below,					
	A Calcium Oxide and wa	•	В	Urea and water			

C Glucose and water D Sodium Hydroxide and water

From above reactions which reaction absorb heat from environment and gets the container cold,

- (1) A and B
- (2) B and C
- (3) C and D
- (4) A and D
- 10 Symbols of Phosphorous, Silicon and Argon are given respectively in,
  - (1) P, Si, Ar
- (2) P, S, Ar
- (3) Si, Al, P
- (4) Ci, P, Ar

11	A yellow colour non metal was burnt i gas with irritating smell. This non-met (1) C (2) P		ue colour flame and formed a  (4) Si			
12	Because of it high resistance to electrical appliances. The component (1) Nickel and Iron (3) Iron and Chromium	icity alloy Nichrome use t	o make heat generating parts			
13	A test has been conducted to identify a nutrient in a food sample. As the result a red coloured globules could be seen floating on top of the solution this nutrient could be,  (1) Lipids (2) Protein (3) Glucose (4) Starch					
14	What is the composite materials streng (1) Concrete (2) Cardboard	•	(4) Asbestos			
15	An example for perennial plant is, (1) Chilles (2) Jak	(3) Brinjals	(4) Paddy			
16	What type of a lens should wear to correct the defect of long sightedness,  (1) a concave lens  (2) a plain glass  (3) a convex lens  (4) both convex lens and a concave lens					
17	A floral formulare of a flower is given below. $K_{(5)}$ $K_{(5)}$ According to the incorrect statement is,  (1) It has a radial symmetry.  (2) It's a female flower.  (3) It has 5 petals.  (4) The number of stamens are infinite.					
18	One nanometer is equal to, (1) 10 <sup>-9</sup> m (2) 10 <sup>9</sup> cm	(3) $10^{-1}$ m	(4) 10 <sup>-9</sup> cm			
19	Select the answer which is the compose (1) Apple (2) Tomato	ite fruit, (3) Pineapple	(4) Strawberry			
20	Is not a region that considered as regions where droughts occur frequently is Sri La (1) Mannar (2) Hambantota (3) North Central Province (4) Gampaha					
		PART - II	our more			
01	First question is compulsory. Answer the first question and four more.  You are assigned to arrange a poster on diversity of plants by your science teacher as an group assessment. The topics given by the teacher are,  Classification of fruits.  Adaptations of fruits and seeds for the wide dispersal of plants.  A (i) What are the materials you need to make the poster. (01m.)  (ii) Give two sources where you can find information to make the poster. (02m.)  (iii) What are the problems you encountered during the group work?  Give two of them. (02m.)  (iv) How did you over come them? (02m.)					
	(11) 110 11 dia jou o voi como mo	•	(02111.)			



