



DEPARTMENT OF
EDUCATION

LOWER SECONDARY
SCHOOL CERTIFICATE
EXAMINATIONS
(LSSCE)

PERSONAL
DEVELOPMENT

Monday

10 October 2016

Time allowed:

3 hours

(12:30 pm – 3:30 pm)

Candidates are advised to
fully utilize the time allocated

PD

INSTRUCTIONS TO CANDIDATES:

(To be read out by the external invigilator before the start of the examination)

There are **46** questions in this paper worth **50** marks. Attempt **ALL** questions even if you are not so sure of some of the answers.

The Examination is divided into three parts:

PART A: Multiple-Choice (Questions 1 to 25)

PART B: Short-Answer (Questions 26 to 45)

PART C: Extended Response (Question 46)

The Answer Sheet is part of the Examination Booklet. Take out the middle pages and remove the Answer Sheet by tearing along the perforation. You may use the blank sheet for rough work.

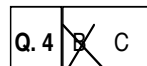
For each question in **PART A** choose the correct answer and write the letter A, B, C or D in the space provided on the **ANSWER SHEET**.

For each question in **PART B and PART C** work out the answer and write the answer in the space provided on the **ANSWER SHEET**.

If you find a question very difficult, do not spend too much time thinking about it. Leave the question out and go on with the rest of the paper. If you have time in the end, return to the difficult questions and think about them more carefully.

Write your answers in **BLUE** or **BLACK** ink (pen or biro).

If you decide to change an answer, make your correction as shown below so that it is clear to the markers what your final answer is. Do **NOT** use **correction fluid** on your answer sheet.



Hand in **BOTH** the Answer Sheet and the papers used for rough work at the end of the examination.

Extra time will NOT be allowed to complete the examination under any circumstances.

The penalty for cheating or assisting others to cheat in national examinations is non-certification.

DO NOT TURN OVER THIS PAGE AND DO NOT WRITE UNTIL YOU ARE TOLD TO START.

PART A: MULTIPLE CHOICE (QUESTIONS 1 to 25) 25 MARKS

For each question, choose the correct answer and write the letter A, B, C or D in the space provided on the ANSWER SHEET.

QUESTION 1

From the day we were born, many things have influenced us. The type of food we eat, the way we dress, the language we speak, our religions, and the customs we follow are mostly influenced by our _____.

- A. genes B. cultures C. emotions D. hormones

QUESTION 2

Joe does not go out and play soccer or any sporting code because he knows that he is not really good in sports.

Joe's attitude shows that he has _____ self-esteem.

- A. big B. high C. some D. low

QUESTION 3

In all our relationships, it is important to consider the other person thus we behave with _____ towards them.

- A. obedience B. respect C. faith D. honest

QUESTION 4

The tissue in the body that contains minerals that make it hard and rigid so that it does not bend so easily is called _____.

- A. vein B. shoulder C. bone D. tongue

QUESTION 5

Which of these is **not** a method of food preservation?

- A. Roasting B. Freezing C. Drying D. Canning

QUESTION 6

Which family planning method works in the same way as the pill?

- A. Sterilisation B. Injection C. Condoms D. Ovulation

QUESTION 7

A particular practice in PNG society that indicates a stage of change from a child to an adolescent would be a /an _____ ceremony.

- A. marriage B. manhood C. initiation D. womanhood

QUESTION 8

The FITT principle in terms of fitness training stands for Frequency, Intensity, Time and Type. Frequency refers to how often you do physical activity.

Which activity best describes frequency?

- A. Doing two to three times training sessions.
B. Lifting a 5kg weight for strength training.
C. Doing either cardiovascular or training
D. Deciding on whether to do a 20 – 60 or 30 – 45 minutes training

QUESTION 9

Which of the following is **not** an outcome of fitness testing? Fitness testing

- A. allows one to keep track of their fitness over time.
B. helps set specific goals to improve their fitness.
C. encourages people to be physically active and fit.
D. aims to reduce physical activity in individuals.

QUESTION 10

Which of the following words can be defined as “keeping clean in order to stay healthy”?

- A. Defecation B. Constipation C. Hygiene D. Nutrition

For question 11, refer to the brief biography below of a prominent leader in Papua New Guinea.

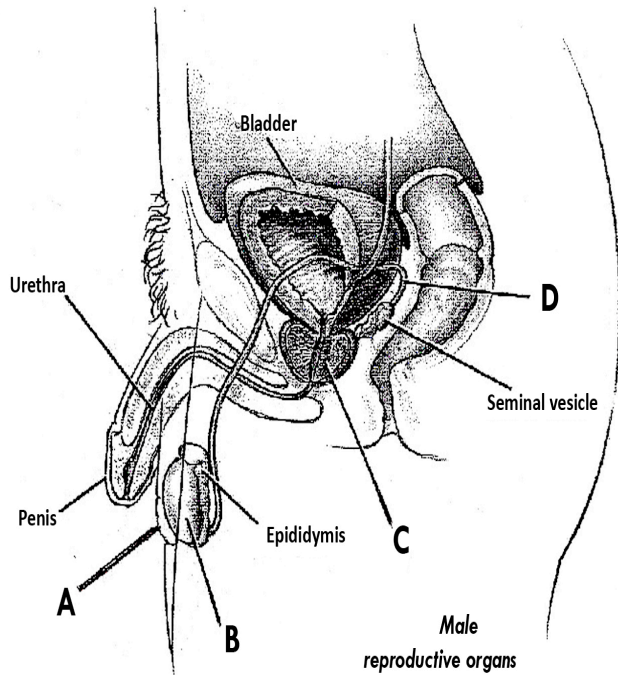
He was born in Rabaul in 1936 but he grew up in East Sepik. He graduated from Sogeri High School in 1957 and became a teacher in several primary and high schools.

QUESTION 11

Which of the following leaders best suits the description in the biography?

- A. Sir Paulias Matane B. Dr. Allan Marat
C. Paul Tiensten D. Sir Michael Somare

For questions 12 - 14 refer to the diagram below.



QUESTION 12

Which of the letters represent the organ responsible for producing sperm?

QUESTION 13

What is the name of the part labelled A?

- A. Scrotum
- B. Testes
- C. Prostate
- D. Sperm duct

QUESTION 14

The part where the common form of cancer generally affects men is called the _____.

- A. urethra
- B. seminal vesicle
- C. prostate
- D. penis

QUESTION 15

Below are the stages of growth and development during pregnancy.

- I. Foetus
- II. Zygote
- III. Embryo
- IV. Baby

Which of these is the correct order in the growth and development stages of humans?

- A. II, III, I and IV
- B. III, I, II and IV
- C. I, III, II and IV
- D. III, II, I and IV

QUESTION 16

The main functions of the skeletal system are to _____.

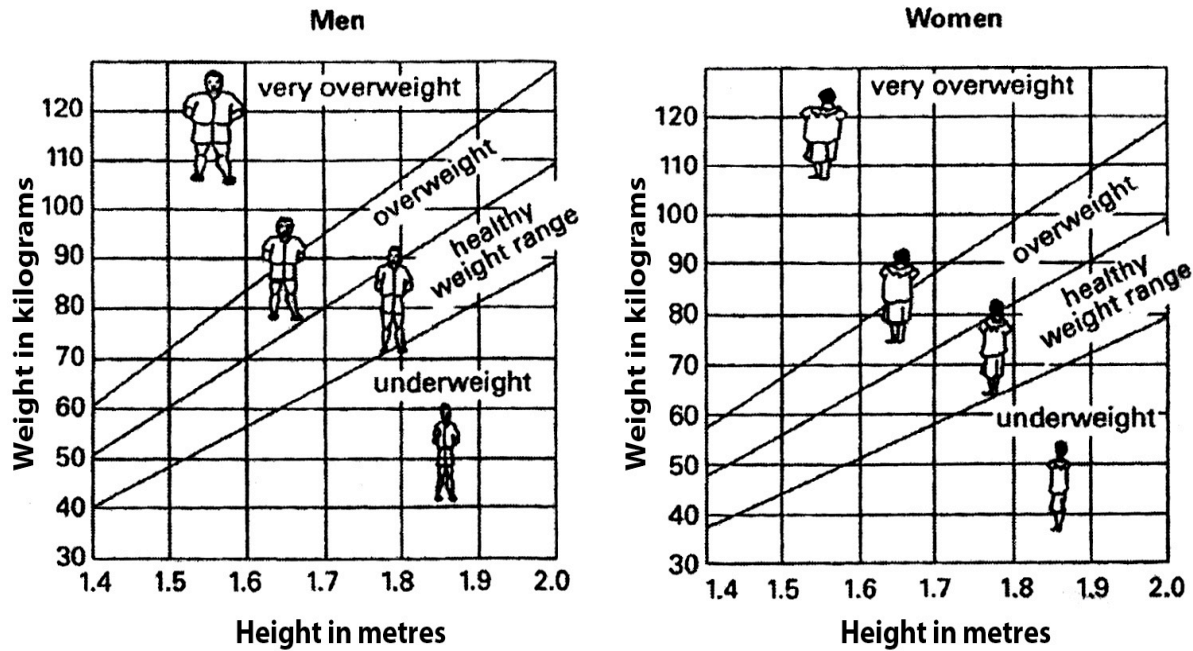
- A. allow the body to move on hinges and break when weak
- B. give the framework and body size and weight
- C. support the body in times of sickness and accidents
- D. give a framework that supports and allows the body to move

QUESTION 17

Which of these family planning methods will only apply to male adults?

- A. Pill
- B. Vasectomy
- C. Tubaligation
- D. Inter-uterine device

For questions 18 - 20 refer to the weight charts below.



QUESTION 18

Weight of a person should be in proportion to his or her height.

Which of the following weight and height would refer to a female who is overweight?

- A. 95kg and 1.9m
- B. 70kg and 1.8m
- C. 60kg and 1.8m
- D. 60kg and 1.6m

QUESTION 19

Ben is 1.7 metres tall and falls within healthy weight range. In what range is his body weight?

- A. 90 – 105kg
- B. 80 – 95kg
- C. 65 – 80kg
- D. 59 – 72kg

QUESTION 20

Sarah is 2 metres tall and weighs 60kg. This shows that Sarah _____.

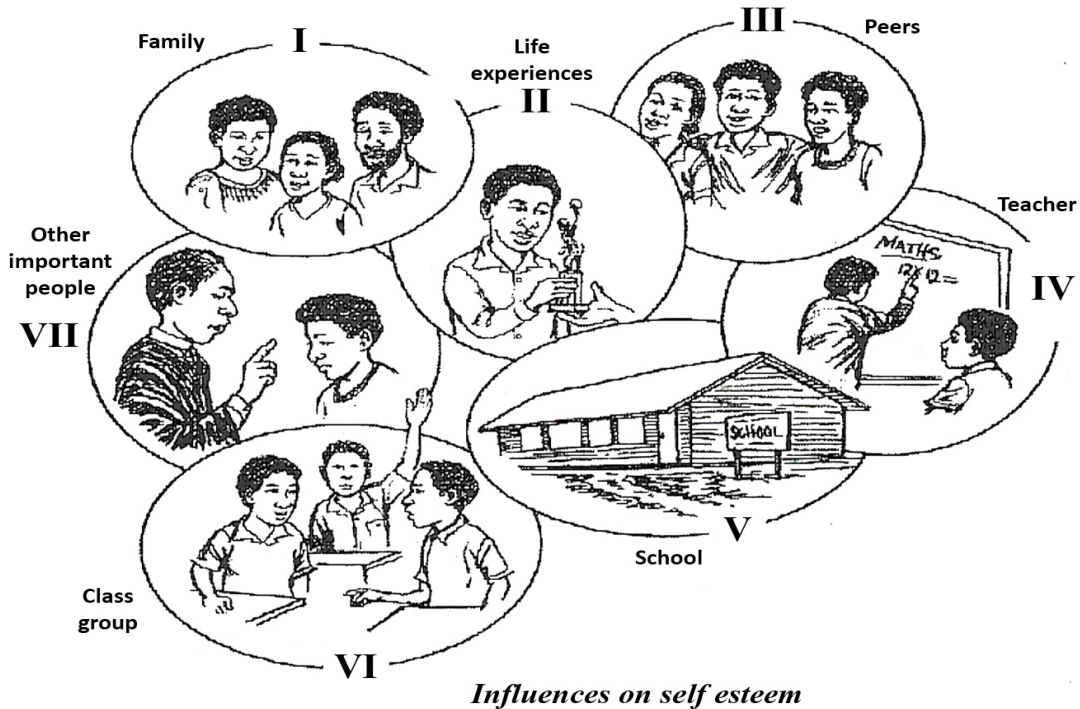
- A. is very over weight
- B. is overweight
- C. has a healthy weight range
- D. is underweight

PART B: SHORT ANSWERS

(QUESTIONS 26 to 45) 20 MARKS

For each question, write the correct answer in the space provided on the ANSWER SHEET.

For Questions 26 and 27 refer to the pictures below. The pictures labelled I, II, III, IV, V, VI & VII illustrate some common influences on people’s self esteem.



QUESTION 26

Identify the picture that one’s self-esteem would be influenced by a religious person. Picture _____.

QUESTION 27

In which picture is Joe’s self-esteem boosted by an award presentation? Picture _____.

For questions 28 and 29 use one of the words below.

Asset, Liability, or honest. (Not all words will be used)

QUESTION 28

Tom can lead a group well. He talks fast to move people but has an unclear voice. He is slow to make decisions as he is careful and often performs tasks inefficiently.

Which word suits his character? _____

QUESTION 29

Mary is dependable, holds the group together, executes her duties diligently and her absence can clearly be seen in the disorientation of the group.

Which word suits Mary? _____

For questions 30 - 32, refer to the information in the table below.

Group A	Group B	Group C
Scabies	Arthritis	Typhoid
Malaria	Heart Attack	Obesity
Cancer	Anaemia	Diarrhoea
Tuberculosis	Obesity	Dysentry
Typhoid	Tuberculosis	Aneroxia

QUESTION 30

Name a non-communicable disease in Group A. _____

QUESTION 31

Identify a communicable disease in Group B. _____

QUESTION 32

Name the disease that affects the joints of the body causing pain, swelling and stiffness.

QUESTION 33

DRABC is a technique that should always be used when beginning any First Aid. The letter C in this acronym stands for _____.

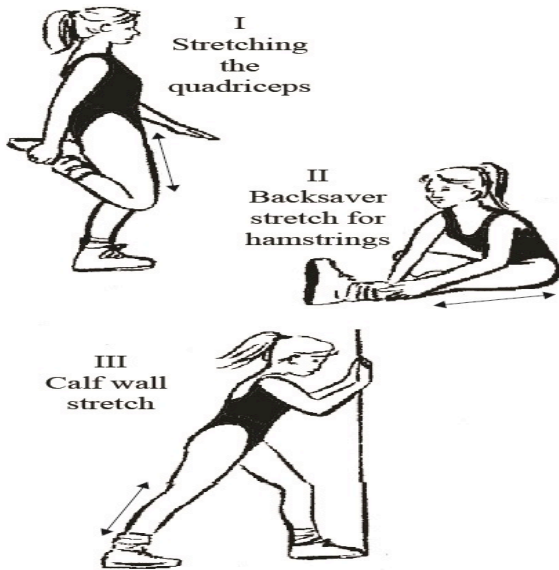
QUESTION 34

Some of the skills in volleyball are; serve, dig, set, spike, block and dive. If you were playing in a game of volleyball, which skill would you perform to counteract your opponent's spike if you were near the net?

QUESTION 35

A person who is a good example for others and is admired by many people is known as a _____.

Refer to the picture below to answer questions 36 - 38.



QUESTION 36

What component of fitness is accomplished through the exercises displayed?

QUESTION 37

Name the muscle stretched in III.

QUESTION 38

Which diagram shows the stretching of the hamstring only?

Read the information below and answer question 39 and 40.

In Papua New Guinea (PNG) ceremonies are an important way of life.

Listed below are some common ceremonies celebrated in PNG.

- I. Bride Price ceremonies
- II. Death ceremonies
- III. Flag Raising ceremony
- IV. Initiation ceremonies

QUESTION 39

Annually, on what date is the flag raising ceremony celebrated nationwide?

QUESTION 40

Which ceremony is part of a marriage celebration?

QUESTION 41

Below are some of the World Religions.

- I. Christianity
- II. Hinduism
- III. Islam
- IV. Buddhism
- V. Shintoism

Reincarnation is a system of belief that the soul of a dead person is reborn in the form of another living thing. Which of the following religion believes in reincarnation?

For Questions 42 and 43, refer to the pictures below.



Extended family



Nuclear family



Blended family



Single parent family

QUESTION 42

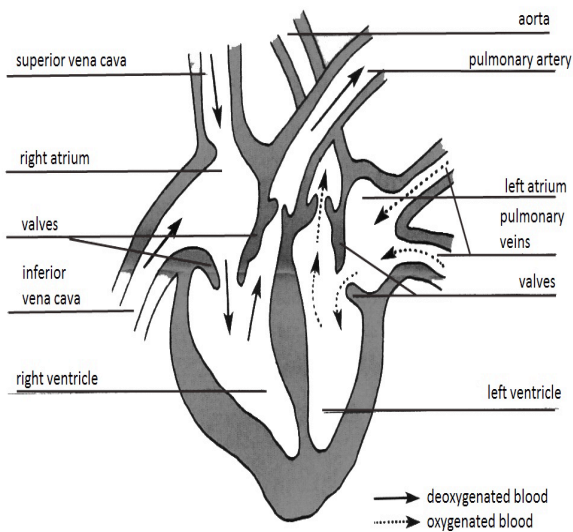
Which type of family is mostly found in the towns and cities of Papua New Guinea?

QUESTION 43

According to the picture, in which type of family would the child or children have a step-father or step-mother?

For questions 44 and 45, refer to the diagram below

Cross-section of a human heart



QUESTION 44

Which blood vessel takes deoxygenated blood to the lungs for oxygenation and release of carbon dioxide?

QUESTION 45

Name the largest artery that carries oxygenated blood to the rest of the body.

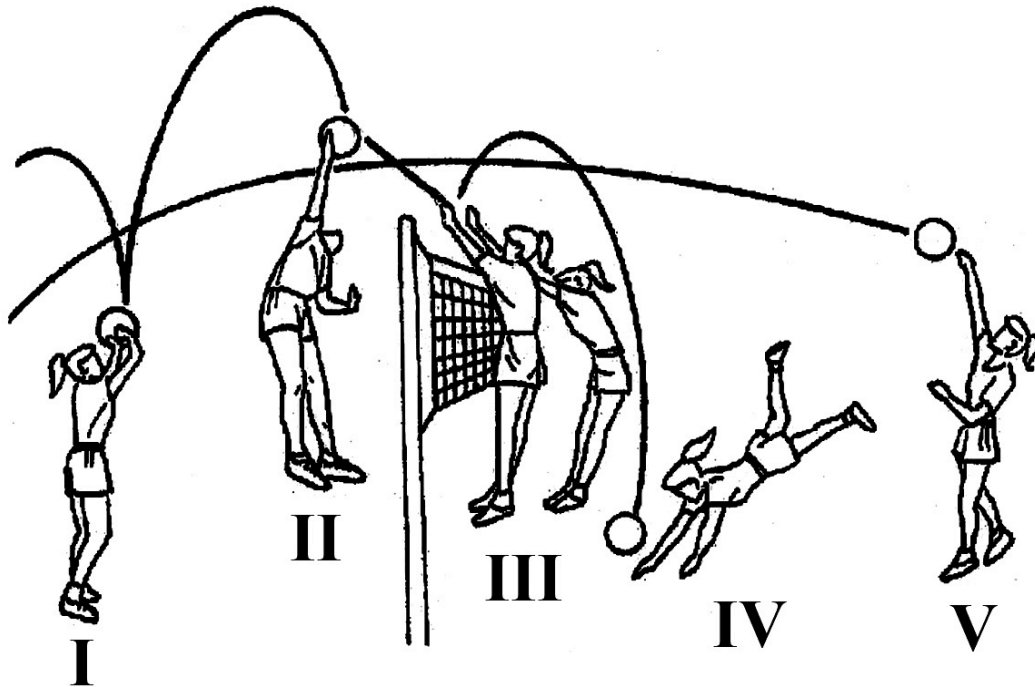
PART C: EXTENDED RESPONSE

5 MARKS

QUESTION 46

Write down the correct answer in the space provided on the Answer Sheet.

For question 46 I – V, refer to the picture below.



List the basic skills of Volleyball shown in the above picture.

- I. _____
- II. _____
- III. _____
- IV. _____
- V. _____

END OF EXAMINATION



MARKER 1

YEAR		PROV.		SCHOOL			CAND No.		
1	6								
NAME									
SCHOOL									

PART A: (Questions 1 to 25)

Write the letter of your answer next to each question below.

1		6		11		16		21	
2		7		12		17		22	
3		8		13		18		23	
4		9		14		19		24	
5		10		15		20		25	

PART B (Questions 26 to 45)

Write your answer next to each question below.

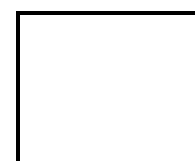
26		31		36	
27		32		37	
28		33		38	
29		34		39	
30		35		40	

PART C (Questions 46 to 50)

Write your answer next to each question below.

41	
42	family
43	family
44	
45	

46	I	
	II	
	III	
	IV	
	V	



MARKER 2

DO NOT WRITE ON THIS PAGE

YOU MAY DO YOUR ROUGH WORK ON THIS PAGE

CAREFULLY TEAR ALONG THIS PERFORATION

YOU MAY DO YOUR ROUGH WORK ON THIS PAGE