

Questions 1 – 10, Choose the correct letter, **A**, **B** or **C**.
Study on Gender in Physics

1 The students in Akira Miyake's study were all majoring in

- A** physics.
- B** psychology or physics.
- C** science, technology, engineering or mathematics.

2 The aim of Miyake's study was to investigate

- A** what kind of women choose to study physics.
- B** a way of improving women's performance in physics.
- C** whether fewer women than men study physics at college.

3 The female physics students were wrong to believe that

- A** the teachers marked them in an unfair way.
- B** the male students expected them to do badly.
- C** their test results were lower than the male students'.

4 Miyake's team asked the students to write about

- A** what they enjoyed about studying physics.
- B** the successful experiences of other people.
- C** something that was important to them personally.

5 What was the aim of the writing exercise done by the subjects?

- A** to reduce stress
- B** to strengthen verbal ability
- C** to encourage logical thinking

6 What surprised the researchers about the study?

- A** how few students managed to get A grades
- B** the positive impact it had on physics results for women
- C** the difference between male and female performance

7 Greg and Lisa think Miyake's results could have been affected by

- A** the length of the writing task.
- B** the number of students who took part.
- C** the information the students were given.

8 Greg and Lisa decide that in their own project, they will compare the effects of

- A** two different writing tasks.
- B** a writing task with an oral task.
- C** two different oral tasks.

9 The main finding of Smolinsky's research was that class teamwork activities

- A** were most effective when done by all-women groups.
- B** had no effect on the performance of men or women.
- C** improved the results of men more than of women.

10 What will Lisa and Greg do next?

- A** talk to a professor
- B** observe a science class
- C** look at the science timetable

Questions 11 – 14, Choose the correct letter, **A, B** or **C**.

New city developments

11 The idea for the two new developments in the city came from

- A** local people.
- B** the City Council.
- C** the SWRDC.

12 What is unusual about Brackenside pool?

- A** its architectural style
- B** its heating system
- C** its method of water treatment

13 Local newspapers have raised worries about

- A** the late opening date.
- B** the cost of the project.
- C** the size of the facilities.

14 What decision has not yet been made about the pool?

- A** whose statue will be at the door
- B** the exact opening times
- C** who will open it

Questions 21 – 26, Choose the correct letter, A, B or C.
Rocky Bay field trip

15 What do the students agree should be included in their aims?

- A** factors affecting where organisms live
- B** the need to preserve endangered species
- C** techniques for classifying different organisms

16 What equipment did they forget to take on the Field Trip?

- A** string
- B** a compass
- C** a ruler

17 In Helen's procedure section, Colin suggests a change in

- A** the order in which information is given.
- B** the way the information is divided up.
- C** the amount of information provided.

18 What do they say about the method they used to measure wave speed?

- A** It provided accurate results.
- B** It was simple to carry out.
- C** It required special equipment.

19 What mistake did Helen make when first drawing the map?

- A** She chose the wrong scale.
- B** She stood in the wrong place.
- C** She did it at the wrong time.

20 What do they decide to do next with their map?

- A** scan it onto a computer
- B** check it using photographs
- C** add information from the internet

Questions 21 – 25

Choose the correct letter, **A**, **B** or **C**.

Theatre Studies Course

- 21** What helped Rob to prepare to play the character of a doctor?
- A** the stories his grandfather told him
 - B** the times when he watched his grandfather working
 - C** the way he imagined his grandfather at work
- 22** In the play's first scene, the boredom of village life was suggested by
- A** repetition of words and phrases.
 - B** scenery painted in dull colours.
 - C** long pauses within conversations.
- 23** What has Rob learned about himself through working in a group?
- A** He likes to have clear guidelines.
 - B** He copes well with stress.
 - C** He thinks he is a good leader.
- 24** To support the production, research material was used which described
- A** political developments.
 - B** changing social attitudes.
 - C** economic transformations.
- 25** What problem did the students overcome in the final rehearsal?
- A** one person forgetting their words
 - B** an equipment failure
 - C** the injury of one character

The later life of Thor Heyerdahl

26 Which do the speakers agree was the main reason for Heyerdahl's raft journey?

- A to overcome a research setback
- B to demonstrate a personal quality
- C to test a new theory

27 What was most important to Heyerdahl about his raft journey?

- A the fact that he was the first person to do it
- B the speed of crossing the Pacific
- C the use of authentic construction methods

28 Why did Heyerdahl go to Easter Island?

- A to build a stone statue
- B to sail a reed boat
- C to learn the local language

29 In Olivia's opinion, Heyerdahl's greatest influence was on

- A theories about Polynesian origins.
- B the development of archaeological methodology.
- C establishing archaeology as an academic subject.

30 Which criticism do the speakers make of William Oliver's textbook?

- A Its style is out of date.
- B Its content is over-simplified.
- C Its methodology is flawed.

Nanotechnology: technology on a small scale

- 31** The speaker says that one problem with nanotechnology is that
- A** it could threaten our way of life.
 - B** it could be used to spy on people.
 - C** it is misunderstood by the public.
- 32** According to the speaker, some scientists believe that nano-particles
- A** should be restricted to secure environments.
 - B** should be used with more caution.
 - C** should only be developed for essential products.
- 33** In the speaker's opinion, research into nanotechnology
- A** has yet to win popular support.
 - B** could be seen as unethical.
 - C** ought to be continued.

34 The caller wants to find out about events on

- A** 27 June.
- B** 28 June.
- C** 29 June.

35 The 'Family Welcome' event in the art gallery begins at

- A** 10 am.
- B** 10.30 am.
- C** 2 pm.

36 The film that is now shown in the 'Family Welcome' event is about

- A** sculpture.
- B** painting.
- C** ceramics.

37 When do most of the free concerts take place?

- A** in the morning
- B** at lunchtime
- C** in the evening

38 Where will the 4 pm concert of Latin American music take place?

- A** in a museum
- B** in a theatre
- C** in a library

39 The boat race begins at

- A** Summer Pool.
- B** Charlesworth Bridge.
- C** Offord Marina.

40 One of the boat race teams

- A** won a regional competition earlier this year.
- B** has represented the region in a national competition.
- C** has won several regional competitions.