10. When the faeces become	hard, dry and	compacted in the gut this is	known as:
a) Constipation	b) Diarrhoea	c) Flatulence	d) Cramp

#### Chapter 7: The respiratory system

1. The movement of air into and out of the body is the result of the contraction and relaxation of the:

a) Alveoli c) Diaphragm alone

- b) Intercostal muscles and diaphragm d) Trachea
- 2. The cilia which line the trachea:
  - a) Move the air in and out of the lungs
  - b) Make mucus

c) Move mucus along with trapped microorganisms and dirt away from the lungs towards the mouth

d) Remove dead cells from the lining of the trachea

3. Which of the following is the correct sequence of events in mouth-to-mouth resuscitation?

 Raise the chin and tilt head back to clear the airway 2) Give 4 quick breaths into the casualty and repeat every 5 seconds until the casualty breathes for themselves or help comes 3) Pinch the nose and seal your mouth around the casualty Call for help

a) 1, 2, 3, 4

b) 2, 3, 4, 1 c) 4, 3, 2, 1

d) 4, 1, 3, 2

4. The alveoli have many of the features of a gas exchange surface. Which of the following is NOT a typical feature of an exchange surface? a) Large surface area

c) Short diffusion distances

- b) Good blood supply d) A protective rib cage
- 5. Where does aerobic respiration take place in the cell? a) Nucleus b) Ribosomes c) Cytoplasm
- d) Mitochondria

What is the chemical produced during aerobic respiration which is used as an energy source in the cell?

a) ADP

b) ATP

c) AMP

d) Carbon dioxide

7. The products of anaerobic respiration in yeast are:

a) lactic acid

b) carbon dioxide and water

c) ethanol

d) ethanol and carbon dioxide

8. Which of these statements is NOT one of the effects of regular exercise on your body?

- a) Your heart gets larger with a bigger and more efficient blood supply b) Your lungs get larger with a bigger and more efficient blood supply
- c) Your stomach gets larger with a bigger and more efficient blood supply

d) Your muscles get larger with a bigger and more efficient blood supply

9. Look at the following list: exercise, drugs, anxiety, studying, altitude, smoking, environmental factors, cholesterol levels, weight. How many of these factors are known to affect the breathing rate? a) 5 b) 7 c) 9 d) 6

10. Smoking causes many diseases including lung cancer and heart disease. Which of the following is the addictive drug which makes it very hard to give up smoking once you have started?

a) Tar

b) Carbon monoxide

c) Nicotine

d) Tobacco

# **Hsb Multiple Choice Questions**

# **Ann Fullick**

# **Hsb Multiple Choice Questions:**

Examining Gaps in Mathematics Achievement Among Racial-Ethnic Groups, 1972-1992 Mark Berends, Samuel R. Lucas, Thomas Sullivan, R. J. Briggs, 2005-04-08 Examines trends in the mathematics scores of different racial ethnic groups over time and analyzes how changes in family school and schooling measures help explain changes in the test score gaps Although there were few positive changes between schools the within school experiences of black and Latino students changed for the better compared with white students when measured by student self reported academic track placement

JAVA Programming K. Rajkumar, 2013 JAVA Programming introduces the subject in a simple and lucid style This book explains programming concepts and software development practices for solving problems in a clear and precise manner Every chapter of the book is supported with a wide variety of solved examples and end of chapter exercises to help students Resources in Education ,1990-08 Gender and Fair Assessment Warren W. Willingham, Nancy master this subject S. Cole, 2013-12-16 There have been many important changes in the participation of women and men in American society over the past quarter century Tests play a role in those changes by providing evidence of the diverse achievement and proficiency of women and men They aid the learning process and reflect inequalities in opportunity to learn and participate In addition they provide useful information in considering what alternatives in education and work make most sense for individuals and influence views about groups of students educational programs and a wide range of issues For all of these reasons it is important that tests assess fairly and reflect accurately the ways young people are and are not achieving as well as desired The test performance of women and men is a research topic of historical interest and has received much attention in recent years Because of this increased interest there is a great deal of new research and data available The purpose of the study presented in this volume was to review this new information with two objectives in mind to clarify patterns of gender difference and similarity in test performance and related achievements and to see what implications those findings might have for fair assessment and as a corollary examine the assessment process as a possible source of gender differences This study is interested in tests used in education to assess developed knowledge and skill In order to gain a broader view of gender similarity and difference the contributors looked at other types of measures and other characteristics of young women and men Their hope is to contribute to a firmer basis for insuring fairness in tests an objective which is particularly important as the field moves increasingly to new forms of assessment in which there is less experience Polygeneration Process Concept for Hybrid Solar and Biomass Power Plant Umakanta Sahoo, 2018-08-09 This is the most comprehensive and in depth study of the theory and practical applications of a new and groundbreaking method for the energy industry to go green with renewable and alternative energy sources The global warming phenomenon as a significant sustainability issue is gaining worldwide support for development of renewable energy technologies. The term polygeneration is referred to as an energy supply system which delivers more than one form of energy to the final user For example

electricity cooling and desalination can be delivered from a polygeneration process. The polygeneration process in a hybrid solar thermal power plant can deliver electricity with less impact on the environment compared to a conventional fossil fuel based power generating system It is also THE next generation energy production technique with the potential to overcome the undesirable intermittence of renewable energy systems In this study the polygeneration process simultaneous production of power vapor absorption refrigeration VAR cooling and multi effect humidification and dehumidification MEHD desalination system from different heat sources in hybrid solar biomass HSB system with higher energy efficiencies energy and exergy primary energy savings PES and payback period are investigated focusing on several aspects associated with hybrid solar biomass power generation installations such as wide availability of biomass resources and solar direct normal irradiance DNI and other technologies Thermodynamic evaluation energy and exergy of HSB power has also been investigated along with the VAR cooling system the modelling simulation optimization and cost analysis of the polygeneration hybrid solar biomass system all accompanied by multiple case studies and examples for practical applications. This volume provides the researcher student and engineer with the intellectual tool needed for understanding new ideas in this rapidly emerging field The book is also intended to serve as a general source and reference book for the professional consultant designer contractor etc who is working in the field of solar thermal biomass power plant polygeneration cooling and process heat It is a must have for Resources in Education ,1990 **ECIW2008-Proceedings of the 7th European** anyone working in this field Conference on Information Warfare and Security Dan Remenyi, 2008 PLATE: Product Lifetimes And The Environment Conny A. Bakker, 2017-11-15 Product lifetimes are critical for the circular economy resource efficiency waste reduction and low carbon strategies for sustainability and are therefore of interest to academics from many different disciplines as well as original equipment manufacturers OEMs and other stakeholders The challenges related to product lifetimes must be tackled from multiple perspectives making the sharing of knowledge and expertise from different disciplines particularly important This book presents papers from the second Product Lifetime and the Environment PLATE conference held in Delft the Netherlands in November 2017 The conference originated from the desire to bring together academic researchers working in the field of sustainability to benefit from each other s knowledge and further advance the field The book includes the 88 full papers delivered at the conference grouped according to the following 7 conference themes design for product longevity product lifetime optimization cultural perspectives on the throwaway society circular economy and product lifetimes business opportunities economic implications and marketing strategies consumer influences on product lifetimes and policy regulation and legislation The book will be of interest to all those concerned with sustainable consumption circular economy and resource efficiency Human and Social Biology for CSEC Ann Fullick, 2022-12-16 Provide a comprehensive and engaging student centred approach to Human and Social Biology with an updated textbook aligned to the latest CSEC syllabus for examination from June 2022 Cover all topics with brand new content on the

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