TDI International School
Holiday Homework (2021-22)
ClassXI
Subject - English

Instructions :

• Neatness and presentation are common parameters for most of the activities assigned. Please maintain the quality of work done.

• Holiday homework will be assessed on certain parameters and marks/grade will be awarded accordingly.

• Complete and submit the holiday homework timely as late submission after these dates is not acceptable and you will be losing the marks/grades for the same .

1**. As you all know our doctors, forces, government, and cleaners are fighting against coronavirus. This poster is to support all those people who are corona warriors and fighting with corona virus for us. Draft a poster on Fight Coronavirus.**

2. As Manager of 'Paridhan' a readymade garments sales outlet—draft an advertisement for publication in the local dailies offering 20 per cent festival discount on all items.

3.You propose to sell your shop on main road of Kailash Colony, Delhi. Draft an advertisement to be published in The Indian Express under the classified columns.

4.You are Ashok/Ashita of Sitapur, Lucknow. You have got a foreign assignment and would be going abroad soon. You have a television set and refrigerator to sell. Draft a suitable advertisement to be published in the classified columns of The Hindustan Times, Delhi.

5.You are looking for a suitable match for your sister. Write the particulars of girls and ask for the particulars of the prospective bridegroom. Your written account should be suitable for entry in the 'Matrimonial Columns' of a newspaper.

6You are Asma/Ashish, the head girl/boy of XYZ international school. Your school is soon going to publish the annual magazine next month. Write a notice for the notice board of your school inviting students to submit write-ups..

7. Answer the following questions:

a. Why did the grandmother dislike music?

b. Mention the odd way in which the author's grandmother behaved just before she died.

c. Why did the author and the members of his family feel sorry for the birds on the last day?

d. What are the chief qualities of the author's grandmother as depicted in ' The Portrait of a Lady?

e. The grandmother had a divine beauty. How does the author bring this out?

f. Mention three ways in which the author's grandmother spent her days after he grew up.

g. Mention three reasons why the author's grandmother was disturbed when he started going to the city school.

h.Would you agree that the author's grandmother was a person strong in character? If yes, give instances that show this.

8.Read novel The Adventures of Robin Hood and reduce it to a booklet.

9. Roll No. 1-7 will prepare Poem Voice of Childhood for Flip Classroom.

8-14will prepare Ch Discovering Tut ;The Sagafor Flip Classroom.
15-21will prepare Ch The summer of white beautiful horse for Flip Classroom.
22-24 will prepare Mother's dayfor Flip Classroom.

Subject- PHYSICS

1. Frame 20 question from chapter – "Physical World" along with answer.(Pattern – It includes objective type, short and long answer type)
2. Prepare chapter –"Physical World" for periodic test.
3. Make a collage on – How physics is related with other branches of science?

4. Write the given practical in practical file –
   i. To measure diameter of a small spherical/cylindrical body and to measure internal depth of a given beaker/calorimeter using Vernier Callipers and hence find its volume.
   ii. To measure diameter of a given wire and thickness of a given sheet using screw gauge.
   iii. To determine volume of an irregular lamina using screw gauge.
   iv. To determine radius of curvature of a given spherical surface by a spherometer.
   v. To determine the mass of two different objects using a beam balance.
5. Make a working model on topic –Conservation of Energy.
6. Prepare the following topic for the Flip Class – Fundamental Forces in Nature.
7. Do the given assignment. (Write the complete answer of objective question)

Assignment

1. What is the range of nuclear forces?
2. What contribution has physics made in the development of biological science?
3. Arrange the four fundamental forces in the increasing order of strength?
4. How do science and technology differ?
5. How are science and arts similar?
6. The word Science originates from the Latin verb Scientia meaning
(a) to know
(b) to see
(c) to experience
(d) to observe

7. Atomic and molecular phenomena are dealt with by

(a) Newtonian Mechanics

(b) fluid Mechanics

(c) applied Mechanics

(d) Quantum Mechanics

8. Wave picture of light failed to explain.

(a) the photoelectric effect

(b) polarization of light

(c) diffraction of light

(d) interference of light

9. Heliocentric theory proposed by Nicolas Copernicus was

(a) replaced by circular orbits to fit the data better

(b) replaced by elliptical orbits to fit the data better

(c) replaced by elliptical orbits to fit the taste of new rulers of Italy

(d) replaced by parabolic orbits to fit the data better

10. Newtonian mechanics could not explain

(a) fall of bodies on earth

(b) Some of the most basic features of atomic phenomena.

(c) movement of planets

(d) flight of rockets

12. Physics is a

(a) Applied Science

(b) Mathematical Science

(c) Engineering Science

(d) Natural Science

13. Which of the following is a possible first step in applying the scientific method

(a) Conducting tests

(b) Formulating a hypothesis

(c) Formulation of a question

(d) Building a theory

14. Which of the following is not a type of Electromagnetic force-

(a) Friction

(b)Tension

(c)Upward thrust on liquids

(d)Force between moon and earth

15. The scientific principle involved in computers is:

(a) EMI

(b) Thermodynamics

(c) Superconductivity

(d) Amplification by population inversion

16. State the conservation laws.

17. Match the following:

(A) Scientist	(B) Theory Discovered
i. Newton	Theory of relativity
ii. Galileo	Gravitational Law
iii. Heisenberg	Electromagnetic theory
iv. Huygens	Inertia
v. Maxwell	Wave theory of light
vi. Einstein	Uncertainty principle

18. Write about frictional force ?

19. Lasers involves the process of………….

20. Nuclear reactors are based on the phenomenon of……………

Subject - Biology

1.Make 20 question from chapter – "The Living World, Biological Classification" along with answer. (Pattern – It includes objective type, short, long and diagram based answer type)

2.Prepare chapter – "The Living World, Biological Classification?" for periodic test.

3.Make 5 herbarium sheet of locally available plant.

4.Make a collage on – 10 scientific name of plants and 10 scientific name of animals. (Try to choose common plants of your region)

5.Write the given practical in practical file –
1. Parts of a compound microscope.
2. Specimens/slides/models and identification with reasons - Bacteria,Spirogyra, Rhizopus, mushroom, yeast, liverwort, moss, one monocotyledonous plant, one dicotyledonous plant and one lichen.
3. Virtual specimens/slides/models and identifying features of - Amoeba, Hydra, liverfluke, Ascaris, leech, earthworm, snail, starfish, rohu.

4. Mitosis in onion root tip cells and animal cells (grasshopper) from permanent slides.
5. Study of distribution of stomata in the upper and lower surfaces of leaves.

6.Make a working model on topic – Hydroponics or Green energy

7.Prepare the following topic for " Flip class" – The Living World

8.Make a project on topic – "Public health and hygiene"

9.Do the given assignment. (Write the complete answer of objective question)

Assignment 1

1. As we go from species to kingdom in a taxonomic hierarchy, the number of common characteristics
a. Will decrease
b. Will increase
c. Remain same
d. May increase or decrease

2. Which of the following 'suffixes' used for units of classification in plants indicates a taxonomic category of 'family'.
a. – Ales
b. – Onae
c. – Aceae
d. – Ae

3. The term 'systematics' refers to:
a. Identification and study of organ systems of plants and animals
b. Identification and preservation of plants and animals
c. Diversity of kinds of organisms and their relationship
d. Study of habitats of organisms and their classification

4. Genus represents
a. An individual plant or animal
b. A collection of plants or animals
c. A group of closely related species of plants or animals
d. None of these

5. Botanical gardens and zoological parks have
a. Collection of endemic living species only

b. Collection of exotic living species only

c. Collection of endemic and exotic living species

d. Collection of only local plants and animals

6. Taxonomic key is one of the taxonomic tools in the identification and classification of plants and animals. It is used in the preparation of

a. Monographs

b. Flora

c. Both a & b

d. None of these

7. All living organisms are linked to one another because

a. They have common genetic material of the same type

b. They share common genetic material but to varying degrees

c. All have common cellular organization

d. All of above

8. Linnaeus is considered as Father of Taxonomy. Name two other botanists known for their contribution to the field of plant taxonomy?

9. What does ICZN stand for?

10. Couplet in taxonomic key means _____ .

11. What is a Monograph?

12. Amoeba multiplies by mitotic cell division. Is this phenomena growth or reproduction? Explain.

13. Which is the largest botanical garden in the world? Name a few well known botanical gardens in India.

14. *Brassica campestrisLinn -*

a. Give the common name of the plant.

b. What do the first two parts of the name denote?

c. Why are they written in italics?

d. What is the meaning of Linn written at the end of the name?

15. Which is the largest botanical garden in the world? Name a few well known botanical gardens in India.

Assignment 2

1. All eukaryotic unicellular organisms belong to
a. Monera
b. Protista
c. Fungi
d. Bacteria

2. The five kingdom classification was proposed by
a. R.H. Whittaker
b. C.Linnaeus
c. A. Roxberg
d. Virchow

3. Organisms living in salty areas are called as
a. Methanogens
b. Halophiles
c. Heliophytes
d. Thermoacidophiles

4. Naked cytoplasm, multinucleated and saprophytic are the characteristics of
a. Monera
b. Protista
c. Fungi
d. Slime molds

5. An association between roots of higher plants and fungi is called
a. Lichen
b. Fern
c. Mycorrhiza
d. BGA

6. A dikaryon is formed when
a. Meiosis is arrested
b. The two haploid cells do not fuse immediately
c. Cytoplasm does not fuse
d. None of the above

7. Contagiumvivumfluidum was proposed by
a. D.J. Ivanowsky
b. M.W. Beijerinek
c. Stanley
d. Robert Hook

8. Associations between Mycobiont and Phycobiont are found in

a. Mycorrhiza

b. Root

c. Lichens

d. BGA

9. Difference between Virus and Viroid is

a. Absence of protein coat in viroid but present in virus

b. Presence of low molecular weight RNA in virus but absent in viroid

c. Both a and b

d. None of the above

10. With respect to fungal sexual cycle, choose the correct sequence of events

a. Karyogamy, Plasmogamy and Meiosis

b. Meiosis, Plasmogamy and Karyogamy

c. Plasmogamy, Karyogamy and Meiosis

d. Meiosis, Karyogamy and Plasmogamy

11.What is the principle underlying the use of cyanobacteria in agricultural fields for crop improvement?

12. Suppose you accidentally find an old preserved permanent slide without a label. In your effort to identify it, you place the slide under microscope and observe the following features :-

a. Unicellular

b. Well defined nucleus

c. Biflagellate–one flagellum lying longitudinally and the other transversely.

13.What would you identify it as? Can you name the kingdom it belongs to?

14. How is the five–kingdom classification advantageous over the two-kingdom classification?

15. Polluted water bodies have usually very high abundance of plants like Nostoc and Oscillitoria. Give reasons.

Sub – Mathematics

1. Revise chapter – 1
2. Revise chapter – 2
3. Do activities related to above mentioned topics in Mathematics practical book(buy practical file from school)
4. Do the given assignment.
5. Prepare the following topic for "Flip classes".
   (i)   Prateek and Kunal: Define Domain and Range.
   (ii)   Tushar and Lakshay: What is a fuction? Define all the types of fuctions.
   (iii)   Parth and Anmol: Define Sets and types of Sets.

ASSIGNMENT

1. If U = {1,2,3,4,……..,10} is the universal set for the sets A = {2,3,4,5} and B = {1,2,3,4,5,6}, then verify that $(A \cup B)' = A' \cap B'$.
2. If A = {1, 2, 3, 4, 5}, B = {1, 3, 5, 8}, C = {2, 5, 7, 8}, verify that A–(B U C) = (A–B) ∩ (A –C).
3. Out of 20 members in a family, 11 like to take tea and 14 like coffee. Assume that each one likes at least one of two drinks. How many like, only tea and not coffee?
4. A market research group conducted a survey of 1000 consumers and reported that 720 consumers like product A and 450 consumers like product B. What is the leastnumber that must have liked both products?
5. Let A and B be two finite sets such that n(A – B) = 30, n (A U B) = 180, n(A ∩ B) = 60, find n(B).
6. In a survey it was found that 21 people liked product A, 26 liked products B and 29 liked C. If 14 people liked products A and B, 12 people liked products C and A, 14 people liked products B and C and 8 liked all the three products. Find how many liked (i) product C only (ii) Product A and C but not product B
   (iii) At least one of three products.
7. If A × B = {(p,q),(p,r),(m,q),(m,r)}, find A and B.
8. In a committee, 50 people speak French, 20 speak Spanish and 10 speak both Spanish and French. How many speak at least one of these two languages?

9. If X and Y are two sets such that n(X) = 17, n(Y) = 23 and n(XUY) = 38, find n(X∩Y).

10. From the sets given below, select equal sets :
A={2,4,8,12}, B={1,2,3,4}, C={4,8,12,14}, D={3,1,4,2}, E={-1,1}, F={0,a},
G= {1,-1}, H={0,1}.

11. Let A = {1,2} and B = {3,4}.Write A×B. How many subsets will A×B have? List them.

12. Let A = {1,2,3,.....,14}. Define a relation R from A to A by R = {(x, y): 3x-y = 0, where x,y∈A}. Write down its domain, co-domain and range.

13. If n(A) = 3 and n(B) = 3, then find n(A × B).

14. Find the domain of the function $f(x) = \dfrac{x^2 + 2x + 1}{x^2 - 8x + 12}$

15. Find the domain and the range of the real function f defined by f (x) = |x − 1|.

16. Examine the relation : R={(2,1),(3,1),(4,1)} and state whether it is a function or not?

17. A function f is defined by f(x) = 3x-4. Write down the value of f(5) and f(-7).

18. If f and g are two functions such that f(x) = 5x + 2 and g(x) = x^2 + 3, then find f + g and f − g.

19. Let A = {1, 2, 6, 8} and let R be a relation on A defined by {(a, b): a, b A, b is exactly divisible by a}
(a) Write R in roster form.
(b) Find the domain of R.
(c) Find the range of R.

20. If A = {2, 3, 4, 5, 6, 7, 8, 9}. Let R be a relation on A defined by {(x, y) : x subset of A, y subset of A and x divides y}.
(a) Draw arrow diagram of R
(b) Find: (i) R in roster form (ii) Domain of R (iii) Range

Subject: Geography

1. Map Work on identification of features based on the units on the outline Physical/Political map of World

A. Fundamentals of Indian Physical environment. (NCERT)

Unit	Chapter	Map work
1	1	Standard Meridian, Tropic of Cancer, Neighbouring Countries
2	2	Highest peaks, Plateaus, Himalayan Ranges, Eastern-Western Coastal features, Desert, Islands.

1. Make 1 Flow Chart on any topic (from chapters covered in class.) (prefer Chart sheet for making this flow chart, Prepare it well for delivering/Presenting during your class)

2. To Revise CH-1,2 from Indian Physical environment.

3. To Complete total 10 (one mark Answer type Questions (very short) in your notebooks from each chapter covered in class. Do the same in fair notebook.

4. To make art integrated project based on the topic from the book Indian physical environment.

5. Each student has to prepare compulsory presentation on any one topic from the book Fundaments of Human Geography. For the presentation prepare material – (flow chart/presentation/notes/PPT etc.

6. To complete the given worksheet assignments.

1. Why is there the sun almost overhead all the year-round at Kanyakumari and the southernmost tip of the great Nicobar island?

2. What is the Standard Meridian of India?

3. Name the two parts of the Northern portion of the Indian ocean which are divided by the Indian peninsula?

4. How long is India's land frontiers?

5. Name the island groups which are a part and parcel of the Indian Union?

6. Name the countries which have common boundaries with India?

7. Who is the closest neighbour of India in the south?

8. How large is our country in the world?

9. What are the main physical divisions of India?

10. Name the highest mountain peak of peninsular India.

11. Name the longest river in the south?

12. Which rivers size beyond the Himalayas?

13. What is the total area of India?

14. Which line of the latitude passes through the centre of India?

15. What is the length of the coastal line of India?

16. Which ocean route links India with Europe?

17. What is the speciality of -India?

18. Name the southern of most point of the Indian mainland..

19. Name the northern of most point of India?

20. What is the location of India?

Subject: Economics

1.Make 1 Flow Chart on any topic (from chapters cover in class.) (prefer <u>Chart </u>for making this flow chart, Prepare it well for delivering/Presenting during your class)

2.To Revise CH-1,2,3 from Statistics.

3.To Complete <u>10</u> (one mark Answer type Questions(very short) in your notebooks from each chapter covered in class in <u>fair</u> notebook.

4.Prepare The following Assignment related to:

      a. Statistical and Non Statistical Data.

      b. Collection of Primary and Secondary data

c. **Prepare a Questionnaire/Schedule as a Primary source of data collection.**

5.Prepare any one Art integrated project. (use comparison of data between States)

6.Below given are the topics assigned to the students for the presentation in the class (students can prepare their presentation along with the material-PPT/Notes/Flash cards/Flow chart/ Video etc)

Name of the student	Topic Assigned
1. Shubham	**Ch-1 Concept of Statistics**
2. Shruti	**Ch-1 Concept of Statistics**
3. Manini	**Ch-2 Primary Data Collection (Collection of data)**
4. Tushar	**Ch-2 Primary Data Collection (Collection of data)**
5. Lakshay	**Ch-2 Secondary Data Collection (Collection of data)**
6. Cherry	**Ch-2 Secondary Data Collection (Collection of data)**
7. Puru	**Ch-2 Data collection via Mail and Enumerator (difference) (Collection of data)**
8. Vaishnavi	**Ch-2 Data collection via Mail and Enumerator (difference) (Collection of data)**
9. Prashant	**Ch-2 Primary and Secondary Data (Difference)**
10.Aisha	**Ch-2 Primary and Secondary Data (Difference)**

7. **To complete the given Assignment:**

1. What is meant by Economics ?

2. Who is Consumer ?

3. What is Consumption ?

4. What is meant by economic activity ?

5. What is meant by non-economic activity ?

6. "Economics is a study of scarcity". Discuss ?

7. Briefly discuss the meaning of economic and non-economic activities.

8. Discuss the main characteristics of scarcity definition given by Robbins.

9. Discuss the 3 main economic activities.

10. "Statistical methods are no substitute for common sense". Comment.

11. Briefly explain the meaning of statistics in singular sense.

What is meant by Statistical Tools ?

12. Define statistics in plural sense. Point out its characteristics.

13. Distinguish between Statistics in singular sense and Statistics in plural sense.

14. Explain the limitations of statistics.

15. Discuss the importance of statistics in Economic Planning.

16. Discuss the importance of statistics in Business.

17. Name the different types of data.

18. State two merits of primary data ?

19. What do you mean by questionnaire ?

20. What do you mean by enumerators ?

21. What do you mean by census method.

22. What do you mean by primary data ? Mention the different methods for collecting primary data .

23. What do you mean by secondary data ? Mention its sources.

24. Distinguish between census and sampling methods of data collection.

25. What is meant by Statistical errors ? Which factors give rise to statistical errors ?

26. Distinguish between primary and secondary data. Which data is reliable?

SUB: HISTORY

Assignment

1. Prepare a flow chart of Humanevolution.

2. Prepare 15 additional short questions on the basis of reading chapter1.

3. Make a comparative study of Harappan Civilization and Mesopotamia Civilization on the basisof:

   a. City Planning

   b. Tradings

   c. SocialRituals

   d. Agriculture

4. Prepare 15 additional short questions on the basis of reading chapter 2 (Writings and CityLife).

5. Write down 20-25 lines about epic(Gilgamesh)

Subject: Accountancy

Section-A Project Work

Project report should be prepared on Sheet having one side line one side plane and should be submitted in a file. A front page should also be there carrying details: Name, Roll no, Class, Session 2021-22. Make use of black and blue ball pen.

Collection of Source Documents, Preparation of vouchers, Recording of Transactions with the help of Vouchers.

Mohan lal& Sons, Delhi, scommenced business of book seller and stationery on 1 January 2011. You are required to collect source document and Pass Journal Entry.   Refer Project work-I   Illustration-1

Section B: Assignment
Answer Following Questions

1. Amount Invested by a businessman in business is known as
   a) Capital
   b) Liability
   c) Assets
   d) Drawings
2. Amount withdrawn by a businessman from business for personal purpose is known as
   a) Drawings
   b) Fixed Assets
   c) Current Liability
   d) Capital
3. Debtors is an example of
   a) Current Assets
   b) Current Liability
   c) Fixed Assets
   d) Liability
4. Define Accounting.
5. Name any two users of accounting Information.
6. Gradual and permanent decrease in the value of an asset from any cause is known as
   a) Depreciation
   b) Loss
   c) Profit
   d) Expense
7. Prepare accounting Equation:
   Sold goods for cash costing Rs 10,000 and on credit costing Rs15,000 both at a profit of 20%.
8. Write journal Entry for following Transaction:
   a) Started business with Cash   Rs1,00,000
   b) Cash Purchases   Rs48,000
   c) Sold Goods to VasudevRs 10,000
   d) Returned defective goods by VasudevRs 1,000
   e) Received cash from Vasudev   Rs8,800
      And discount allowed   Rs200
9. Explain in brief any four limitations of Accounting.

10. Define journal Proper.
11. Prepare Journal entry for following

1. Goods for Rs 50,000 were destroyed by fire.
 2. Goods worth Rs 18,000 were distributed as free samples and Rs 20,000 were given away as clarity in cash.
3. Goods worth Rs 25,000 and cash Rs40,000 were taken away by the proprietor for his personal use.
4. Goods worth Rs 20,000 and cash Rs 5,000 were given away as charity.5.Cash Rs1,00,000 were stolen from the iron safe of the trader.
  6. Proprietor withdrew for private use Rs 10,000 from bank.
  7. Goods costing Rs50,000 were burnt by fire.
8 . Charge 5% depreciation on building costing Rs 2,00,000 and 8% depreciation on furniture costing Rs5,000.

Section C: Flip Class Assignment

Read Accounting Principles thoroughly and give presentation on topic for at least 30 minutes. Tools like MS Word, MS Power Point can be used for presentation.

Subject: Business Studies

Section A: Project Work

List Five government Companies of India. Describe in detail its organisation structure, Turnover, Product Produced, Profit earned over last few years. (Use Web). (A-4 Size Sheet)

To Prepare a Chart showing Three economic activities and its difference in detail (Business , Profession , and Employment).

Section B: Assignment

Short Answer Questions

1. List any five major commercial cities of ancient India?

 2. What is Hundi?

3. List the major exports and imports in ancient India.

4. What were the different types of Hundi in use by traders in ancient times?

5. What do you understand by maritime trade?

6. State the different types of economic activities.

7. Why is business considered as economic activity?

8. State the meaning of business.

9. How would you classify business activities?

10. What are the various types of industries?

11. Explain any two business activities which are auxiliaries to trade.

12. What is the role of profit in business?

13. What is business risk? What is its nature?

Long Answer Questions

1. Discuss the development of indigenous banking system in Indian subcontinent.

2. Define business. Describe its important characteristics.

3. Compare business with profession and employment.

4. Define Industry. Explain various types of industries giving examples.

5. Describe the activities relating to commerce.

6. Explain any five objectives of business.

7. Explain the concept of business risk and its causes.

8. What factors are to be considered while starting a business? Explain

Section C: Flip Class Assignment

Read thoroughly Topic joint Stock Company from Chapter -2 Forms of Business organisation and Prepare Presentation on it.

Information Practices

1. What is the difference between a keyword and an identifier?
2. What are literals in python? How many types of literals are allowed in Python?
3. What are data types? What are Python's built-in core data types?
4. What is the difference between interactive mode and script mode in Python?
5. What are tokens in Python? How many types of tokens are allowed in Python? Examplify your answer.

Application based questions

1. Program to obtain three numbers and print their sum
2. Program to obtain length and breadth of a rectangle and calculate its area.
3. Program to accept three integers and print the largest of the three. Make use of if statement.
4. Program to add the odd numbers up to (and including) a given value N and print the result.
5. Program that takes a number and checks whether the given number is odd or even. Make use of if statement.
6. Program that reads three numbers (integers) and prints them in ascending order.
7. Program to calculate total amount raised in a charity camp where people can buy donated items or even make monetary donations. The charity camp ran for 3 days. Also calculate if they were able to raise target amount of Rs. 2, 00,000.

Subject:Physical Education

* Find out latest Change in the rules of the game of Basketball and CWSN

* Discuss about Teaching careers in physical education briefly.

* Olympic Flag and Olympic Flame Craft.

* Write Short notes on Career in sports photography.

* Write down a brief note on kheloindia program.

* Discuss the mein function of IOC. .

* Briefly discuss about special Olympics Association.

* Making a video while performing daily basis 5 yoga Asana, Meditation, Pranayam

* Making a video while performing daily basis 5 general physical activities.

* Labelled diagram of field and equipment ,rule and regulations Fundamental Skill of any one game of your choice out of the above list.(with craft)

1.Yoga

2. Basketball

3.Tabble Tennis

4. Boxing

5.Kabaddi

6.Badminton

7.Volleyball

8.Aerobics

9.long jump

10.Triple Jump

11.Shot-Put

12.Discus throw