**Unit 2**

کلمات مهم به همراه معانی آنها

Situation موقعیت اسم

Applicability اسم قابلیت استفاده

Vocabulary empowerment قوی سازی یا توانمند سازی واژگان programming empowerment

Essential ضروری صفت

Important things for do

Or extremely important.

Communicate برقراری ارتباط، گفت و گو کردن،

نکته مهم در کلمه communicate

خود کلمه communicate به صورت فعل هستش که معنی ارتباط برقرار کردن، گفت و گو کردن.

Communicate to ارتباط يک طرفه / communicate with ارتباط دو طرفه

Mathematical ریاضی صفت

Website اسم صفحه وب

Cashpoint عابر بانک یا ATM

Pervasive فراگیر

|  |  |
| --- | --- |
| فارسی | English |
| فراگیر | Pervasive |
| جدا نشدنی، غیر قابل توصیف | Inseparable |
| جوانان | Youth |
| درحالی که | Where as |
| بزرگان | Elder ones |
| مهاجرت | Immigration |
| آموزشی | Pedagogical |
| تسهیل | Facilitation |
| Levels | Procedures |
| Goals | purposes |
| مالی | Financial |
| امورمالی | Financial affaires |
| شغل، حرفه | career |
| Next, other, + | Further |
| پیشبینی کردن | Forecasting |
| بازیابی | Retrieving |
| دفع | Dispense |
| آمدن | comer |
| به جای | Rather than |
| بدست آوردن | Obtain |
| everywhere | Ubiquitous |
| مبلغ | Amount |

|  |  |  |
| --- | --- | --- |
| Meaning | Parts of speech | Word |
| Alive and exist now | Noun | Living |
| Extremely important | Adjective | Essential |
| to get or exchange conversation or information | Verb | Communicate |
| Relating to number or numbers or calculating them. | adjective | Mathematical |
| Website is a page that users can see a lot of content, maybe this page is related to other web page, base on domain name. | Noun | Website |
| Approved someone by authority | Adjective | Official |
| To get data such as some information, file or folder and etc in form of online system | verb | download |
| A machine that performed other banking service. | Noun | Cashpoint |
| Instance of buying or selling somethings | Noun | Transaction |
| A system is set of components, that work together for they arrive to their goal. | Noun | System |
| Keep of something safe. | Adjective | Secure |
| a device for communicate, but in from of quite intelligent | Noun | Smart Phone |

Solve this questions.

**What do you know about living in analog age?**

In analog age we worked simple! we didn’t have any technology devices such as mobile or tablet, laptop, or smart classes. We had anything traditional, for example: we had a traditional watch, black and white TV and etc…

**What do you know about living in digital age?**

I born in digital age, we have colorful TV, have smartphone, Tablet, Laptop, smart classes. Today anything is digital an electronically, we have smartwatches like apple watch, that show time with your activity, situation of your health and etc….

**What is difference in living between them?**

Every generation (age) has pros and cons unique to themselves, for example in analog age we didn’t have big colorful TV, but now we have 100 inch TV!

In analog age we didn’t have any confuse to use traditional devices, but in digital age, not are we confuse; but we are very dependent to them!

Page 12)

A: select the correct answer

1. A
2. A
3. C
4. B
5. C

B: match the words with their definitions. The bold words are from passage.

Pervasive: existing everywhere and ubiquitous.

Retrieving: finding something and bring it back, recover.

Podcast: a radio program that can be downloaded.

Cashpoint: a machine from which you can obtain money.

Navigation: finding which way you need to go.

Customers: someone who buy goods.

Database: a large amount of data stored in a computer.

Accessible: easy to reach or get into, at hand.  
Pedagogical: relating to teaching methods, educational.

Transaction: a business deal or action.

**E: Read the following sentences and select the correct answer. The bold words are from the passage.**

Student can give presentation by using power point.

Computer can store information.

Computer facilitate performing mathematical operations.

We can keep records of out customer by technology.

Some people enjoy be accepted by.

Smart telecommunication devices make voice call.

Smart telecommunication devices can communicate with other people everywhere in the world.

For study at IT you have to be accepted in university.

ATMs do transaction easier.

PIN stands for personal identification number.

**Unit 3**

|  |  |
| --- | --- |
| English | فارسی |
| Originate | آغازی مشخص |
| Subtract | کم کردن |
| Reckon | محاسبه کردن (حساب کردن),Calculating |
| Accumulate | انباشتن |
| Chronological | وابسته به زمان و سلسله تاريخي |
| Sequence | Order |
| Centuries | قرون |
| Last few centuries | در چند قرن گذشته |
| Webster’s dictionary | فرهنگ لغت نامه |
| Decades | دهه |
| In the late | در اواخر دهه سال .... |
| In the early..... | در اوایل دهه سال... |
| Characterized | مشخص کردن |
| Emerged | Advent |
| Incorporated | گنجانده شده |
| Huge | Big size |
| Occupy | اشغال |
| Basement | زيرزمين |
| Eager | مشتاق |
| Fuels | سوخت ها |
| Complicated | پيچيده |

Order of time:

Phrases such as first, next, that, then, after, followed by,…..

The following sentences are from the first two paragraphs of the passage on the next page. Put the events in correct order from 1 to 6.

|  |  |  |
| --- | --- | --- |
| Meaning | Part of speech | Word |
| Start, derive from sth or have a specified being | **Verb** | Originate |
| A thing that made for particular purposes | **Noun** | Device |
| Find something and bring it back, recover | **Verb** | Retrieve |
| Facts and piece of information | **Noun** | Data |
| Any of numbers 0-9 | **Noun** | Digit |
| involving two things, 0 and 1 | **Adjective** | Binary |
| Difference between two or more numbers. | **Verb** | Subtract |
| A group of people born and living during same time | **Noun** | Generation |
| Reckon or calculating | **Verb** | Compute |
| Keep and accumulate or save something for future use | **Verb** | Store |
| Improve or enhance somethings | **Verb** | Develop |
| Create or design somethings that hasn’t exist before! | **Verb** | Invent |

Select correct answer:

1: D, 2: C, 3: A, 4:C, 5:D

B: Read the following sentences. Write 1, 2, 3, and 4 for the first, second, third, and fourth generation computer.

1: 4th 2: 3th, 3: 2nd, 4:3th, 5: 1st and 2nd .

C: math the word with their definition. The bold words are from passage.

1. …Originate: have specified being or to come from or start a particular place
2. …Device: a machine or tool that does a special job or a machine made for specified and particular purpose.
3. …store save or keep or accumulate something to future uses.
4. …retrieve: find somethings and bring it back, recover.
5. …process: to deal with information by a computer.
6. …data: fact and piece of information.
7. …programmable: able to controlled by an electronic program.
8. Century: 100 years.
9. Definition: exact meaning of words or sentences.

D: Read the following sentences and put T for true and F for false. Try to correct the wrong sentences. The bold words are from the passage.

1: f: Multiply 10 by 2 and the result is 20.

2: t.

3: t.

4: f, Divide 30 by 3 and result is 10.

5: t.

6: t.

7: f, a big tree can grow up from a small seed.

8: a binary system only uses, 0 and 1

E: Read the following sentences and select the correct answer. The bold words are from the passage.

1. Eager
2. Fuels
3. Differences
4. Communication
5. Appears
6. Combines
7. Teenagers
8. Enhance

**Unit 4**

|  |  |  |
| --- | --- | --- |
| Meaning | Part of speech | Word |
| Tell in a advance. Forecasting. | **Verb** | Predict |
| Formed or united into whole. | **Adjective** | Integrated |
| In a noticeable manner. | **Adverb** | Noticeably |
| Extremely important. | **Adjective** | Essential |
| Big shift and o single complete turn. | **Noun/Verb** | Revolution |
| Pros of somethings. | **Noun** | Advantage |
| Large, very big, heavy. | **Adjective** | Massive |
| A new method, idea, product and etc. | **Noun** | Innovation |
| The action of putting something into operation. | **Noun** | Application |
| Practice of designing and constructing. | **Noun** | Architecture |
| Moving forward. To advance or develop. | **Noun** | Progress |
| The state of being free from danger. | **Noun** | Security |
| To a great extent or degree. | **Adverb** | Considerably |

|  |  |
| --- | --- |
| English | فارسی یا هم خانواده |
| Predict | پیشبینی کردن |
| Noticeably | Significantly, considerably, remarkable, regard |
| Advantage | Pros |
| Extent | ميزان |
| Retailers | خرده فروشان |
| Evidence | شواهد و مدرک |
| Impact | Effective |
| Genomics | ژنتيک |
| Renewable | تجديدپذير |
| Opposite | != |
| Absence | != Presence |
| Encourage | تشويق کردن |
| Satisfy | راضي کردن |

**A: Select the correct answer:**

1: b| 2:b| 3: a| 4: a  
**B: Read the following sentences, Check true or false:**

1: false| 2: true| 3: false| 4: true| 5: true| 6: true| 7: true| 8: false

**C: Match the words with their definitions.**

…Predict: say before somethings happens.

…Essential: necessary. Extremely important.

…Communication: exchange information or idea.

…Presence: opposite of absence.

…Remarkable: in a remarkable manner.

…Revolution: big shift, single complete turn.

…Advance: to develop, to progress.

…Advantage: a good and useful feature of somethings.  
…Noticeably: noticeable manner.

…Integrated: with various part or aspect. Formed or united into whole.

…Enable: to be able to do somethings.

**D: Select the best answer that complete.**

1: Facilitate the future life.

2: increase the users.

3: cause some problem.

4: lot of info.

5: sell their product.

6: rapidly.

7: beginner.

8: save a lot time.

9: make more money.

10: protect.

**E: Read the following sentences and select the correct word.**

1: sell | 2: attract | 3: prices | 4: easily | 5: mars.

**Unit 5**

|  |  |  |
| --- | --- | --- |
| Meaning | Part of speech | Word |
| a typical example or pattern of somethings | **Noun** | Paradigm |
| A combination of images, videos, animation and etc to more interaction | **Noun** | Multimedia |
| An organization founded for pedagogical and special purposes | **Noun** | Institution |
| Management Science and art of doing works | **Noun** | Administration |
| Related to company, project or undertaking | **Noun** | Enterprise |
| Access to electronic mailing or online service | **Verb** | Subscribe |
| The media such as TV, or Instagram live and etc… | **Verb** | Mass media |
| Ability of having somethings or permission for use somethings | **Verb** | Access |
| The range of somethings | **Noun** | Scope |
| A place or situation for doing somethings (living or coding in visual studio code) | **Noun** | Environment |
| An example or single occurrence of somethings | **Verb** | Instance |
| Put things in a neat | **Verb** | Arrange |
| Moving a set of images | **Noun** | Animation |

|  |  |
| --- | --- |
| English | فارسی یا هم خانواده |
| Paradigm | Pattern |
| Undertaking | تعهد |
| Mass media | رسانه های جمعی |
| Scope | Range |
| Occurrence | Happened |
| Audiences | Contacts |
| Revolution | انقلاب |
| Online – Presence | حضور - آنلاین |
| As far | تا انجایی که |
| Ultimate | Final |
| Universal | Global |
| Id or identity | هویت |
| Shift | Change |
| Narrowcasting | Thin |
| Restriction | Limited |
| Passive | منفعل |
| In addition | علاوه بر این |
| Press | مطبوعات |
| Constraints | Restrictions |
| Expertise | تجربه و تخصص |
| Outstanding | برجسته |
| Prestige | اعتبار |
| Credibility | Prestige |
| Converse | Conversation |
| Abundance | * Frequency, pervasive |
| Scarcity | کمبود |
| Periodicity | Period |
| Regular | neat |
| Survive | زنده ماندن |
| chaos | آشوب – هرج مرج |
| Aggregator | جمع کننده |
| Led | کشیده شده به سمت.... |
| Bring != take | آوردن != بردن |

**Attention:**

**Hyper text** not only display whole text but also it can display images, videos, animation, voices and the more…(**not only - but also**)

**Blogs**: blogs is a web page it has a lot of content, maybe can about our ability, (company ability) or individual page for introducing yourself.

**Monomedia** is a single way of communication, like TV, radio, journals and articles, newspaper and etc…

**Multimedia** is a interactional communication like telephone or Instagram with live, telegram, or chant messengers and etc…

The next page explains five paradigm shifts. What is each paradigm shift about? Match each paradigm to its description.

1. Paragraph 1 explains advanced content.
2. Paragraph2 explains authority over a content.
3. Paragraph3 explains online multimedia.
4. Paragraph4 explains time and online media.
5. Paragraph5 explains information plenty

**A: Select correct answer**

(1-a) (2-b) (3-b) (4-c) (5-b) (6-d)(7-a)

**B Read the following sentences. Check True or False**

(1-T) (2-T) (3-T) (4-F) (5-F) (6-T) (7-F) (8-T)

**C: match the words with their definitions. The bold words are from passage.**

1. Universal: Worldly or global.
2. Individual: persons.
3. Landscape: an area of land.
4. Deliver: to take goods, packages etc to a place.
5. Audience: People who watch or listen to a program.
6. Traditional: old.
7. Broadcast: to send out radio or TV programs.
8. Ultimate: final.
9. Merge: combine or join thins together.

**D: Read the following sentences and select the correct answer. The bold words are from passage.**

1. Regimen
2. Drivers
3. Plans
4. Sure
5. Speaking
6. Bring
7. Information
8. Changes
9. A lot of
10. Differences

**EL Match the words with their synonyms. The bold words are from passage.**

|  |  |
| --- | --- |
| Information: | processed data. |
| Limit: | constraint.? |
| Tools: | instruments |
| Mange: | direct. |
| Available: | accessible. |
| Regular: | Routine. |
| Frequency: | Repetition. |
| Gain: | Obtain. |
| Assume: | suppose. |
| Distinction: | Distinguished. |
| Shift: | Change. |
| Instance: | Example, occurrence. |
| Outstanding: | Difference. |
| Restriction: | Constrain. |
| Individual: | Personal. |
| Interest: | Attention. |

**Unit 6**

|  |  |  |
| --- | --- | --- |
| Meaning | Part of speech | Word |
| Completing some task with least amount. | **Adverb** | Efficiently |
| Big shift, a single complete turn. | **Noun** | Revolution |
| A power to affect someone or event. | **Noun** | Influence |
| Distinguishing symbol. | **Verb** | Mark |
| In a convenient(comfortable) manner(way). | **Adverb** | Conveniently |
| Describe of somethings | **Verb** | Characterized |
| A system of production, distribution and consumption. | **Noun** | Economy |
| A subdivision of magnetic disk. | **Noun** | Sector |
| Related to commercial enterprise. | **Adjective** | Industrial |
| Art and science of doing things. To direct and control. | **Noun** | Manage |
| A seeking for knowledge. | **N/V** | Research |
| The process of developing. | **Noun** | Development |
| Repeatedly . | **Noun** | Frequency |

|  |  |
| --- | --- |
| English | فارسی یا هم خانواده |
| Surrounded | محصور شده |
| Mediated | واسطه |
| Consequently | در نتیجه |
| Narrators | گویندگان |
| Temporal | Temporary |
| Equip | مجهز کردن |
| Raises | Increase |
| Considered | در نظر گرفتن |

**A: Select the correct answer:**

1: b| 2: b| 3: a| 4: d| 5: a| 6: a| 7: b|

**B: The sentences below related to paradigm of communication in digital age. Read the sentences and write 6, 7, 8, 9 and 10 for paradigm.**

1. 6| 2. 7| 3. 8| 4. 7| 5. 10| 6. 8| 7. 10| 8. 10| 9. 9| 10. 9|

C: Match the word with their definition. The bold words are from passage.

1. Surrounded: To be all around somethings or someone.
2. Decentralized: Move away from the center.
3. Mediator: Someone who mediates.
4. Establish: To prepare or supply.
5. Equip: Having several parts or elements.
6. Opportunity: Chance.
7. Content: The things inside somethings.
8. Strategic: Using strategies and plans to reach goals.
9. Multiple: To start an organization or company.
10. Legacy: Property or money left someone.
11. Path: a track or a way.
12. Revolution: a complete change.
13. Architecture: practice to designing or constructing.
14. Temporal: Related to or limiting by time.