

# WORKSHEET

PUZZLE

PLUTUS ACADEMY

# Question (1-5)(IBPS CLERK MAINS 2016)

Direction Study the information given below and answer the questions based on it.

There are five units i.e. 1,2,3,4 and 5. Each unit has a different height. Also, each unit contains books and boxes. Unit 2 is above unit 1 and unit 3 is above unit 2 and so on. Every unit belongs to a different country i.e. India, China, England, France and Canada, not necessarily in the same order. The total height of all the five units is equal to 265 feet(ft).

NOTE: Total height of each unit = total height of books + Total heights of boxes

The unit which belongs to china is an even-numbered unit. There is a gap of two units between the unit which belongs to china and the unit which belongs to England. The total height of unit 1 is 30 ft. The height of the unit which belongs to England is not 30 ft. The total height of books in unit 4 and unit 5 together is 75 ft. The total height of boxes in unit 3 is 15 ft. The unit which belongs to canada has a total height of 65 ft. The total height of books in the unit which belongs to canada is less than 50 ft. Canada's unit is just above the unit where books height is 30 ft. France unit's total books height is 20 ft. Canada unit's total boxes height is thrice of france total boxes height. The books heights of unit 2 and unit 3 are the same. Unit 2 total height is 15 ft less than canada's unit.

# Question 1

Unit 3 belongs to which of the following country?

A India

B England

C China

D France

E Canada

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## Question 2

How many units gap between England's unit and Canada's unit?

A 0

B 1

C 2

D 3

E 4

## Question 3

What is the sum of the total height of unit 3 and unit 2?

A 90 ft

B 85 ft

C 100 ft

D 95 ft

E 75 ft

## Question 4

What is the height of boxes in unit 1?

A 15 ft

B 10 ft

C 20 ft

D 25 ft

E 30 ft

## Question 5

Which of the country's unit's total height is 2nd lowest?

A China

B England

C India

D France

E Canada

## Question (6-10)IBPS MAINS

Eight family members A,B,C,D,E,F,G and H are sitting on a circular table and four of them are facing center and others are facing outwards.

A is son-in-law of D. F is brother-in-law of B. E is sister-in-law of A. G is son of A. H is sister of G. E is sitting second to the right of her father who is facing inside. H is second to the left of her aunt. A is second to the left of her daughter. B is facing outside and sitting between her sister and her father. E is unmarried. G is sitting to the immediate left of his sister and is facing outside. D is not sitting adjacent to her daughter.

## Question 6

Who is sitting second to the left of B?

A G

B H

C F

D C

E D

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## Question 7

How is F related to G?

A Father

B Uncle

C Brother

D Son

E Cousin

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## Question 8

Who is sitting opposite to D?

A G

B H

C F

D C

E D

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## Question 9

How is B related to A?

A Wife

B Sister

C Sister-in-law

D Daughter

E Mother

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## Question 10

Who is sitting opposite to C?

A G

B H

C F

D C

E D

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# Question(11-15)

Some people are living in a building with some number of floors. Some floors are vacant. Some people are living in a building such as ground floor is numbered as 1, above it is floor 2 and so on. Each of the floor has 2 flats in it as flat -A and flat -B. Flat-A is to the west of Flat-B. Flat-A of floor 2 is immediate above Flat-A of floor 1 and immediate below flat-A of floor 3 and so on. Information for some of them is given.

NOTE: If X lives just above Y then both are living in the same flat. If X lives in Flat-A and it is given that X lives above Y then it means that Y either lives in flat -A or Flat -B below X. It is not necessary that X and Y lives in the same flat.

E lives on the fourth floor to the west of G. There are two floors between the floor of G and D. There are three floors between the floors of D and H who lives above D. Less than two people live between H and I who lives on the floor which is divisible by 3. H and I lives on same flats. J lives just above I and to the east of B. A lives just above B. A lives at the top Floor but not at an odd numbered floor. F lives just below E. C lives on an odd numbered floor below the floor of B and above the floor of D. D and H live on different flats. C and H do not

## Question 11

How many people live between I and G?

A six

B Eight

C Three

D Nine

E Eleven

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## Question 12

Which amongst the following pair lives on the same floor?

A H-A

B E-J

C B-J

D A-G

E D-I

## Question 13

Who amongst the following lives on 7th floor?

A C

B D

C H

D I

E None of these

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## Question 14

What is the total number of flats in the building?

A 28

B 26

C 24

D 32

E None of these

## Question 15

How many floors are vacant ?

A 6

B 5

C 4

D 3

E None

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## Question (16-20)

7 workers-Dinesh,Mahesh,Rajesh,Ramesh,Suresh,Sudesh and Sudhir work in a factory on different days of a week starting from Monday.Each of them works for a single day and for different number of hours- 4,5,6,7,9,10,12 hours respectively but not necessarily in the same order.

Ramesh works for less than 6 hours. 2 persons work in between Dinesh and Sudesh.Dinesh and Sudesh work for 10 hours and 6 hours respectively.Suresh works for 7 hours but not on Monday. Sudhir works for the maximum no of hours.Ramesh works immediately before the day on which Rajesh works.The one who works on sunday works for 4 hours.Rajesh does not work on Sunday. There are two workers who work between Sudhir and Ramesh. The worker who

## Question 16

Who works on Sunday?

A.Suresh

B.Mahesh

C.Dinesh

D.Rajesh

E.None

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## Question 17

Q.For how many hours did Rajesh work?

A.7

B.9

C.5

D.CND

E.None

## Question 18

How many people work between Sudesh and mahesh?

A 4

B 3

C 5

D 1

E None

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## Question 19

Find the odd one out

A Sudesh

B Dinesh

C Sudhir

D Suresh

E Mahesh

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## Question 20

Who among the following works on Friday?

A Suresh

B Ramesh

C Sudhir

D Mahesh

E None

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## Question(21-25)

Eight singers – Seema, Vishal, Kanika, Vijay, Rajeev, Abhay, Mitra and Shailu are going to perform in music concerts held in different cities – Mumbai, Bhopal, Agra, Surat, Delhi, Pune, Jaipur and Goa not necessarily in the same order. The concerts will be held in the months of July, August, September and October either on 5th or 8th of a month. Only one concert will be held on each day.

Seema will perform in Goa in September. Seema and Vishal will perform at a gap of 3 persons. Concert in Mumbai will be held at a gap of 1 from Vishal. Abhay and Vijay will perform in consecutive months but not on consecutive turns. Concerts in Bhopal and Delhi will be held at a gap of 1 but neither of them will be held in October. Concert in Pune will be held just before the concert in Agra. Shailu will perform in Jaipur at a gap of 1 from Mitra. Number of concerts held before Rajeev's concert will be twice as that of the number of concerts held after Kanika's concerts. Rajeev will perform before Kanika but will be not the 1st to perform. Mitra will perform either in Delhi or in Mumbai. Abhay will not perform in Agra and Kanika will not perform in Surat

## Question 21

Who among the following will perform in Surat?

A Seema

B Vishal

C Kanika

D Rajeev

E None of these

## Question 22

If Shailu is related to Surat in the same way Kanika is related to Agra then following the same pattern, who among the following is related to Rajeev?

A Delhi

B Surat

C Goa

D Pune

E Agra

## Question 23

How many person(s) will perform between the one who performs in Mumbai and Seema?

- A None
- B One
- C Two
- D Three
- E More than three

## Question 24

Which of the following combinations of Person – Place – Month is/are correct?

A Rajeev – Mumbai – September

B Kanika – Goa – October

C Mitra – Mumbai – August

D Vishal – Surat – July

E None is correct

## Question 25

Who among the following performs on 5th of October and in which city?

A Kanika – Pune

B Vijay – Pune

C Kanika – Agra

D Mitra – Mumbai

E None of these

## Question(26-30)

Five friends Rahul, Suraj, Jasmine, Lalit and Maria wears different colours of Suits, Viz. – Silver, Blue, Grey, White and Pink (not necessarily in the same order). Each friend has different colour of tie viz- Red, Brown, Yellow, Black and Golden. Suraj, who has golden colour tie, is not in blue suit. Jasmine is in pink suit but her tie colour is not red and yellow. Maria has brown coloured tie but she is neither in blue nor in white suit, Lalit has yellow coloured tie. Rahul do not wear blue or silver colour suit. One who wears grey suit have red coloured tie.

## Question 26

What is the colour of Lalit 's suit?

A) Pink

B) Blue

C) White

D) Silver

E) None of these

## Question 27

Which person has black colour tie?

A) Rahul

B) Jasmine

C) Maria

D) Lalit

E) None of these

## Question 28

Who wears white colour suit?

A) Suraj

B) Jasmine

C) Rahul

D) Lalit

E) Maria

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## Question 29

Which of the following combination is true-

A Suraj- grey suit

B Rahul – blue suit

C Maria- white suit

D Lalit- Pink suit

E None of these

## Question 30

Rahul wear which colour tie?

A Red

B brown

C yellow

D black

E None of these

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## Question(31-35)

Read the information carefully and answer the question that follow:

There are eight people A,B,C,D,E,F,G,H are travelling in different months of the year.The months are given as january, march, april, june,august, september,november and december. F travels in the month having 31 days.There is a gap of three months between the months in which F and C travel according to the calendar. B travels immediately before F. A travels immediately after H. H travels in the month having 31 days.H is not travelling in march or august. The number of people travelling between A and F is the same as the number of people travelling between D and F. G travels after E.D travels in december.

## Question 31

In which month C is travelling?

A. March

B. April

C. June

D. November

E. December

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## Question 32

Which of the following statement is true?

A. B-31- March.

B. E-30 - September

C. G-31 - December

D.E -30 - August

E.A -30 -June

## Question 33

How many people are travelling between F and A?

A.3

B.2

C.1

D.4

E.None

## Question 34

A is travelling in which month?

A.March

B.April

C.June

D.August

E.December

## Question 35

Who is travelling in the month of november?

A.G

B.A

C.F

D.H

E.D

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## Question(36-40)

**Directions:** Read the given information carefully and answer the questions given beside

Eight people Aarush, Bindu, Chunnu, Divya, Etti, Prithvi, Gopal and Harish live in an eight storey building, but not necessarily in the same order. The lowermost floor is numbered 1 and the topmost floor is numbered 8.

Aarush lives on an even-numbered floor but not on the floor numbered second or fourth. Only three floors are there between Aarush and Bindu. Only two people live between Chunnu and Etti. Prithvi lives on a floor above Divya. There are equal numbers of floors between the floors on which Etti and Bindu live and between the floors on which Aarush and Etti live. Harish lives immediately below Divya's floor. Gopal lives immediately below Aarush's floor.

## Question 36

Prithvi lives on which of the following floor?

A. None of these

B. First

C. Second

D. Fifth

E. Third

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## Question 37

How many floors are there between Bindu and Divya?

A.5

B.1

C.2

D.3

E.none of these

## Question 38

Who among the following lives on the first floor?

A.Harish

B.None of these

C.Etti

D.Prithvi

E.Chunnu

## Question 39

Who among the following lives on the seventh floor?

A.etti

B.chunnu

C.prithvi

D.Gopal

E.None of these

## Question 40

Which of the following statements is/are true?

- A. Aarush lives on the sixth floor.
- B. Divya lives on the topmost floor.
- C. There are two people between Prithvi and Chunnu.
- D. Harish lives just above Aarush.
- E. Chunnu lives on the third floor.

## Question(41-45)

Read the following information and answer the following question that follow-

Eight students A, B, C, D, E, F, G and H have exam on different days starting from Monday to Thursday of the same week. Each student have exam on different slots, i.e. 8:00 a.m. or 11 a.m. D has exam on Tuesday. Two persons have exam between D and F. F does not have exam on Thursday. The number of persons who have exam between A and E is same as G and H. No one has exam between D and E and they both have exams on different time of different days. A has exam before E but not on Tuesday. G has exam before H. B has exam at 11 a.m. before C.

## Question 41

Find the odd one.

A.E

B.G

C.B

D.F

E.H

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## Question 42

How many Students have exam between A and D?

A.Two

B.Three

C.No one

D.One

E.Four

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## Question 43

Who has exam exactly between A and C?

A.B

B.D

C.H

D.G

E.F

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## Question 44

Who has given exam on tuesday at 11 A.M.?

A.C

B.A

C.G

D.H

E.None of these

## Question 45

Who has exam just before A?

A.E

B.B

C.C

D.No one

E.D

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## Question(46-50)

Read the following information and answer the following question that follow-

Sunit, Rohit, Sunny, Khushi, Manu, Tanu and Ranu are seven friends travelling to three different cities- Jaipur, Ahmedabad and Hyderabad with at least two in each city. Each of them has a different profession - viz CA, CS, Lawyer, IAS, Pilot, IES and IRS but not necessarily in the same order. Manu's profession is IRS and Rohit is travelling to Ahmedabad only with Manu. Those who travel to Jaipur are not CA and IAS. The one who is CS travels only with Ranu to Hyderabad. The one who is Pilot does not travel to the same city as Manu or Ranu. Sunit does not travel to Ahmedabad but he is an IES. Khushi and Tanu are travelling to the same city but Tanu is not a Lawyer. The one who is IAS does not travel to Ahmedabad.

## Question 46

Who is an IAS?

A.Ranu

B.Sunny

C.None

D.Rohit

E.Sunit

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## Question 47

Where did the CA travels?

A.Jaipur

B.Ahmedabad

C.Hyderabad

D.Cannot be determined

E.None of these

## Question 48

Find the odd one

A.IES

B.Lawyer

C.Pilot

D.IAS

E.NONE of these

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## Question 49

Who is a pilot?

A.Sunit

B.Tanu

C.Ranu

D.Sunny

E.Khushi

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## Question 50

What is the profession of Khushi?

A.Pilot

B.CA

C.CS

D.IAS

E.Lawyer

## Question(51-55)

Seven persons A, B, C, D, E, F and G work in different office among PARLE, CHOCOS, KITKAT, MRF, WIPRO, INTEL and AMAZON but not necessarily in same order. Each of them goes to office at different time among 7:15am, 8:00am, 8:30am, 9:30am, 11:00am and 11:45am. The timing of one person is not known. Nobody comes before 7:00am or after 12 noon. B works in INTEL. A works in WIPRO at 8:30am. F goes to office at 7:15am but not in AMAZON. The difference in the timings of B and one, who works in PARLE, is 45 minutes. G does not go to office after 11:00 am. Neither C nor D works in PARLE or CHOCOS. Nobody goes to office at 9:00am. The timing of the one, who works in CHOCOS, is not among the given times. The one, who works in MRF, goes after one, who works in AMAZON. There is a difference of at least 3 hours between D's and G's timing.

## Question 51

Who among the following works in AMAZON?

- a. D
- b. C
- c. B
- d. A
- e. None of these

## Question 52

When does E go to office?

a. 7:15am

b. 11:45am

c. 9:30am

d. 8:30am

e. Cannot be determined

## Question 53

Who among the following works in MRF?

- a. A
- b. B
- c. D
- d. C
- e. None of these

## Question 54

Who goes to office at 11:45am?

- a. G
- b. E
- c. C
- d. B
- e. None of these

## Question 55

When does the one who works at KITKAT go to office?

a. 7:15am

b. 11:45am

c. 9:30am

d. 8:30am

e. Cannot be determined

## Question(56-57)

Eight persons namely Praveen, Queen, Ranjith, Sahana, Tushar, Umesh, Virat and Wafiq are went for shopping in different months among January to August but not necessarily in the same order. Each of them are purchased things for different amounts like Rs.1250, Rs.1750, Rs.2250, Rs.2750, Rs.3250 and Rs.3650. Not more than two persons purchased things for same amount. No two persons went for shopping in a same month. Ranjith went for shopping in a month, which doesn't have 31 days and he purchased for Rs.1250. Only two persons went for shopping between Ranjith and Virat, who doesn't go in January. Umesh went for shopping immediately before Ranjith. The person, who went for shopping immediately after Virat, purchased for Rs.3250. Two persons went for shopping between Tushar and the person, who went for shopping immediately after Virat. Tushar doesn't go in July and he purchased for Rs.3650. Queen went for shopping immediately before Praveen and neither of them purchased for Rs.3250. Umesh and Sahana purchased for same amount but not for Rs.3250. Only one person purchased for Rs.2250 and Rs.2750. Ranjith and Queen purchased for same amount. Praveen is not the last person to go for shopping. The person who went for shopping in February doesn't purchase for Rs.2750.

Question 56 Virat purchased for how much amount?

A. Rs. 1750

B. Rs. 3250

C. Rs. 2750

D. Rs. 2250

E. None of these

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Question 57 Who went for shopping in August month?

- A. Tushar
- B. Sahana
- C. Virat
- D. Wafiq
- E. None of these

# ANSWER KEY

1.C	10.B	19.D	28.A	37.B	46.A	55.A
2.A	11.C	20.C	29.E	38.A	47.B	56.C
3.D	12.C	21.B	30.A	39.D	48.D	57.D
4.B	13.B	22.A	31.B	40.E	49.B	
5.C	14.A	23.B	32.B	41.B	50.E	
6.C	15.A	24.D	33.B	42.D	51.A	
7.B	16.B	25.A	34.A	43.B	52.E	
8.C	17.B	26.B	35.A	44.E	53.D	
9.A	18.C	27.B	36.D	45.D	54.D	